SKIL

POWER TOOLS

famous *SKIL* and *SKILSAW* products for

Industrial Production
Plant Maintenance
Construction
Automotive Service
Wood and Metalworking

1959

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APPLICATION INFORMATION

The use of new developments in plastics, laminates, metals and composition products has, in many cases, preceded complete information on how to work them.

We maintain a free advisory service which is constantly searching out the best method for working any new material used by manufacturers, builders or service industries. For specific cutting, drilling or finishing problems which cannot be solved by normal methods, contact your nearest factory branch or write directly to us—SKIL Corporation.

YOUR SKIL GUARANTEE

Every SKIL product has been carefully inspected before shipment, and we guarantee to correct any defect caused by faulty material or workmanship. Our obligation assumed under this guarantee is limited to the replacing of any part or parts which prove to our satisfaction, upon examination, to have been defective, and which have not been misused or carelessly handled. The complete unit must be returned to one of our Factory Service Branches or to our Factory, transportation charges prepaid. We reserve the right to decline responsibility where repairs have been made or attempted by others. No other guarantee, written or verbal, on our products is authorized by us.

PRICES AND ORDERS

Prices of all SKIL tools and accessories are always net to the user unless otherwise indicated, and are subject to change without notice. Orders are subject to acceptance by the factory in Chicago, and will be invoiced at prices in effect on date of shipment. Applicable federal or state taxes will be added to published prices. To keep current price data in your hands, a complete numerical price list is issued separately at intervals. We reserve the right to substitute materials used in manufacture other than those specified in this catalog.

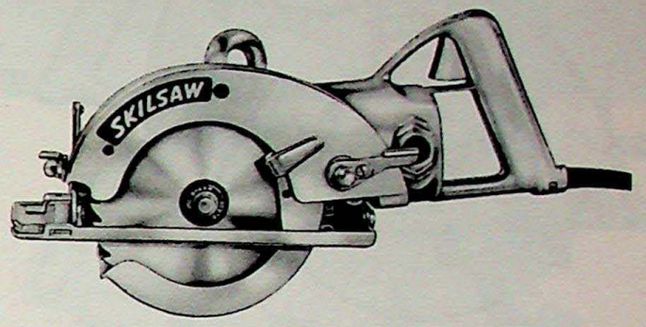
SKIL Corporation

5033 Elston Avenue • Chicago 30, Illinois • PAlisade 5-2000 • 1959 Edition

HIGH-TORQUE, SUPER-DUTY SAWS

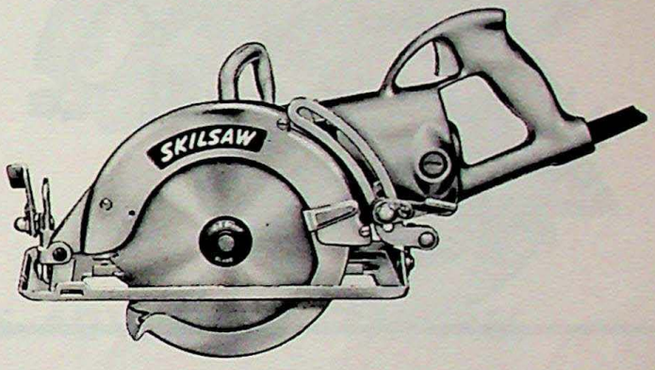
6½" MODEL 367 (2 3/16" depth of cut)

Compact, powerful and lightweight, this SKIL 6½" super-duty saw keeps cutting where others slow down or stall out! It easily slices through tough bevel miters or extended rip cuts on 2" lumber. Ideal for the carpenter-builder on all residential construction. Exclusive SKIL "Vari-Torque" clutch protects against saw damage and kickback. All ball-bearing construction, adjustable bevel scale and stepped-up power and speed, easily make the 367 today's greatest saw value. *Specify voltage.*



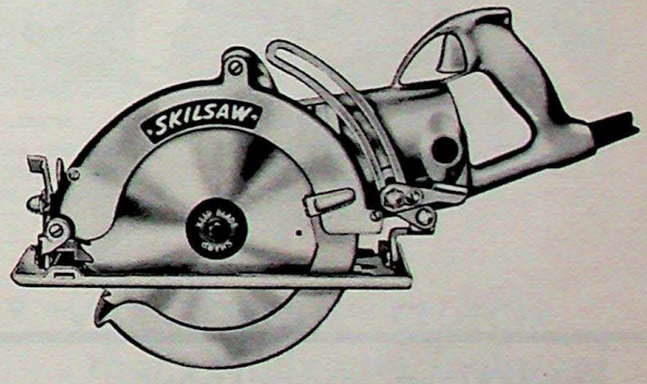
7¼" MODEL 77 (2⅜" depth of cut)

For handling any cutting job up to 2" lumber, the powerful Model 77 has become the "standard" for the general construction industry. Thousands in use daily! That's because its high-torque worm drive gearing provides the extra cutting stamina so often needed in ripping wet lumber, cutting stone, metal or composition materials. In addition, users also get such extra features as "Vari-Torque" clutch, new contour handle. Optional speeds available. *Specify voltage.*



8¼" MODEL 825 (2⅝" depth of cut)

Solves just about any cutting problem! High-torque Model 825 is extensively used in residential and commercial construction, industrial maintenance. Power-packed motor, all ball-bearing construction, worm gearing are just some of the features that make it a long-time favorite. Has "Vari-Torque" clutch, contour handle. Bevel cuts rough lumber at 45°. Also cuts a wide variety of other materials using special blades (see pages 7, 8, 9 and 10). Optional speeds available. *Specify voltage.*



COMPARATIVE SPECIFICATIONS

equipment, all models above: Combination blade; blade wrench; lubricant; visible oil level indicator; rip fence; 3-wire cord with connector.

general specifications:

motors: Universal, D.C. or A.C. up to 60 cycles.

arbor: SKIL diamond arbor.

bearings: All ball-bearing construction.

voltages: Standard 115. Furnished on order for 220 and odd voltages at no extra cost.

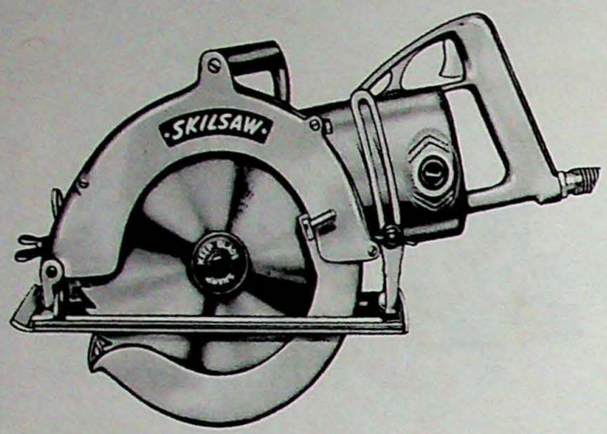
switches: Enclosed double pole, momentary contact trigger switches.

guard: Safety telescoping guard shields blade when not cutting; safety retractor handle.

blower: Clears sawdust from line of cut.

model no.	blade dia. inches	vertical depth of cut, in.	depth of cut at 45°, in.	speed, no-load r.p.m.	extra cost optional speeds, r.p.m.	Amp rating at 115V	length overall, inches	net weight, lbs.	shpg. weight, lbs.
367	6½	0-2 3/16	1¾	4750	....	9	15½	13	20
77	7¼	0-2⅜	1⅞	4500	1300, 5700	12	17¼	15½	24
825	8¼	0-2⅝	2⅛	4000	1200, 5200	13	18	16½	24

HIGH-TORQUE, SUPER-DUTY SAWS

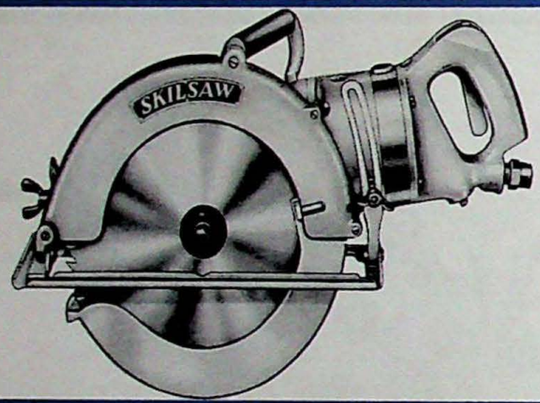


10" MODEL 107 (3⅜" depth of cut)

New motor gives more power and speed than ever! Handles continuous rip cutting in hardwoods, heavy rough lumber, wet or resinous woods with amazing speed and ease. Completely dependable for constant use in heavy construction. In a class by itself for cutting many tough metals. Includes steel carrying case. *Specify voltage.*

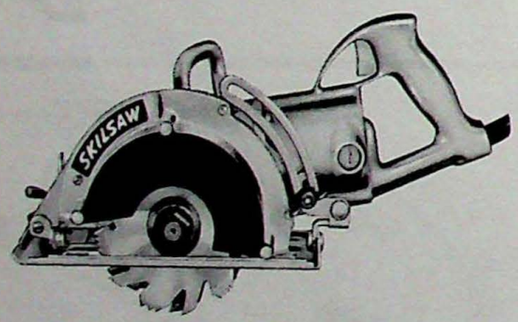
12" MODEL 127 (4⅜" depth of cut)

Most powerful and fastest cutting portable electric saw for heavy timbers! Recommended for sawing in mine, bridge, dock and boat building; railroads and other heavy construction or maintenance...wherever portability plus maximum cutting depth are needed. Includes steel carrying case. *Specify voltage.*



12" PNEUMATIC MODEL 2127 (4⅜" depth of cut)

Designed for heaviest use where electric power is not available or where wet location makes operation of electric tools unsafe. A valuable tool for cutting heavy lumber for shoring work in mines, shipyards; on bridge and dam construction. Ideal for cutting all types of building stone. Stalling will not harm its powerful, air-operated motor. Model 2127 requires 80 to 100 p.s.i. air pressure at 75 c.f.m. Use ½" i.d. air hose; over 25' length, use ¾" i.d. hose. Includes steel carrying case.



6" GROOVER MODEL 177 (grooves 1¾" deep, 1" wide)

Ideal in many woodworking applications for notching and grooving large pieces which are not easily moved. Blades not supplied. Order No. 321 (6") dado set. No. 389 (7¼") combination blade also available. (See tables on Pages 8, 9). Both have ¾" round arbors. *Specify voltage.*

7" GROOVER MODEL 117 (grooves 1¾" deep, 2 1/16" wide)

Gives maximum grooving capacity for heavy millwork and in shipyards. Order No. 4559 (7") dado set. No. 12613 (10") combination blade also available. (See Pages 8, 9.) Both have ¾" round arbors. *Specify voltage.*

COMPARATIVE SPECIFICATIONS

equipment, all models above: Steel carrying case (except models 117, 177); combination blade (except models 117, 177); blade wrench; 3-wire cord (2127 has air hose); visible oil level indicator.

general specifications:

motor: Universal D.C. or A.C. up to 60 cycles (except 2127).

arbor: Models 107, 127 and 2127 have SKIL diamond arbor; models 177, 117 have ¾" round arbor.

voltage: Standard, 115 (except 2127). Furnished on order for 220 and odd voltages at no extra cost.

bearings: All ball-bearings.

switches: Enclosed double pole, momentary contact trigger switches.

guard: Safety telescoping guard shields blade when not cutting. Safety retractor handle (except models 117, 177).

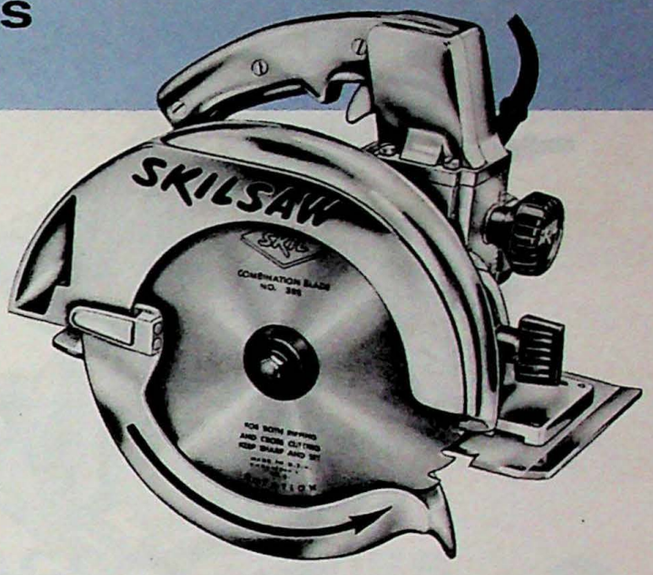
blower: Clears sawdust from line of cut.

bevel adjustment: 0° to 45° (except models 117, 177).

model no.	blade dia. inches	vertical depth of cut, inches	depth of cut at 45°, inches	no-load r.p.m.	amp rating at 115V	length overall, inches	net weight, lbs.	shpg. weight, lbs.
107	9⅞	1-3⅜	2⅝	3400	16.5	21	31¼	45
127	11⅞	2⅜-4⅜	3¼	2500	20	22	34	60
2127	11⅞	2⅜-4⅜	3¼	1600	—	22	32½	57
177	6	0-1¾		3200	10	18	18	26
117	7	0-1¾		2900	18	21	34	44

HI-SPEED, SUPER-DUTY SAWS

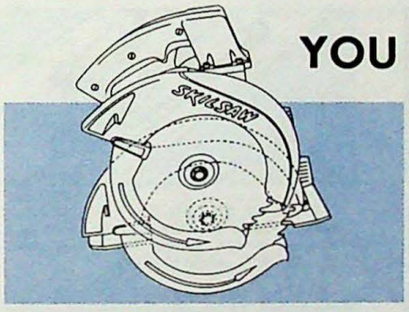
TWO NEW HI-SPEED MODELS WITH SUPER-DUTY QUALITY



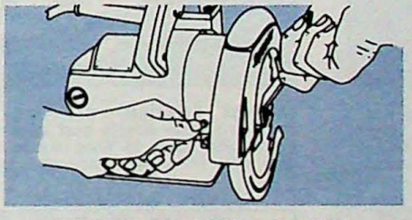
7¼" MODEL 857 (2⅜" depth of cut)
8¼" MODEL 858 (2⅞" depth of cut)

Special features make these new super-powered Saws unbeatable values. Top-handle design offers perfect balance for easy "swing-through" cuts. Direct-reading scales for fast, precision settings on both depth and bevel adjustments . . . pointer easily reset to compensate for blade sharpenings. New "phantom" pivot allows deeper bevel even at 45°; permits single Guide-Edge for vertical or bevel cuts. Built-in sawdust ejector that really keeps cutting line clear. *Specify voltage.*

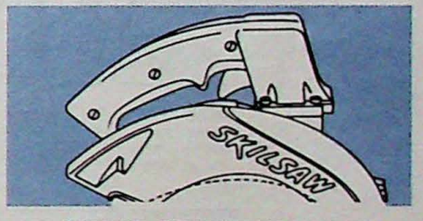
YOU GET ALL THESE ADVANCED FEATURES



"FLOATING" BLADE GUARDS
Upper guard automatically rotates forward as cutting depth is decreased. Blade is **always** covered. No other vertical-adjusting saw offers such safety!



BLADE-CHANGE LOCK
Push-button engages and locks saw shaft, permitting fast, easy blade changes. Another SKIL **exclusive** for greater user convenience and safety!



"SURE-GRIP" HANDLE
Special satin (scratch-brush) finish on this "sure-grip," contour-grip Top Handle assures safe, positive control in every position or any angle of cut.

- **ULTRA-HI BLADE SPEED of 7,000 rpm**
- **EXTRA POWERFUL MOTORS develop over 2 hp**
- **"VARI-TORQUE" CLUTCH that's really safe, foolproof**
- **ALL BALL BEARINGS, HI-ANGLE GEARS**

COMPARATIVE SPECIFICATIONS

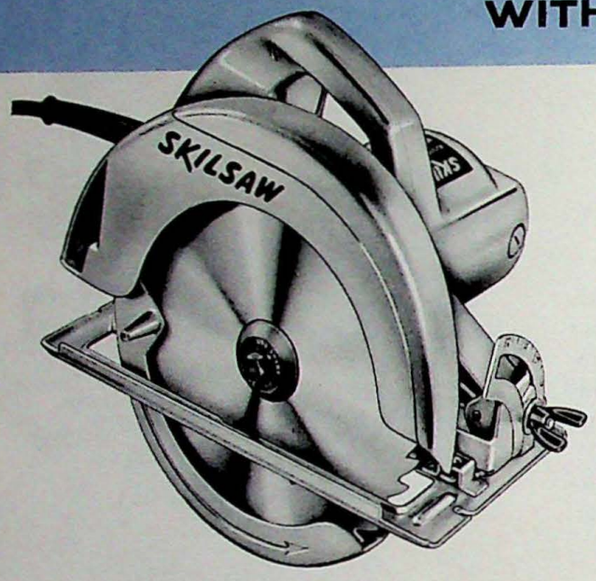
equipment: Combination blade with diamond arbor; both SKIL diamond-arbor and ⅝" round-arbor inner and outer blade washers; rip fence; blade wrench; 3-wire cord and connector.

general specifications:
motors: Universal, D.C. or A.C. up to 60 cycles.
voltages: Standard 115; furnished on order for 220 and odd voltages at no extra cost.
switches: Enclosed double-pole, momentary contact trigger type.

model no.	blade dia.	vertical depth of cut, in.	depth of cut at 45°, in.	no-load speed, r.p.m.	amp rating at 115V	length, overall, inches	net weight, lbs.	shipping weight, lbs.
857	7¼"	2⅜	1⅞	7000	11	11	14½	18½
858	8¼"	2⅞	2⅜	7000	12	12	15¼	19¼

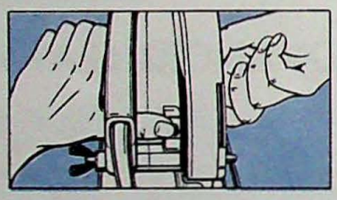
HEAVY-DUTY SAWS

NEW BALL-BEARING SAWS WITH ADVANCED NEW FEATURES

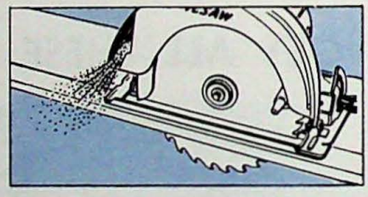


6½" Model 864 (2 3/16" depth of cut)
7¼" Model 874 (2 3/8" depth of cut)
8¼" Model 884 (2 7/8" depth of cut)

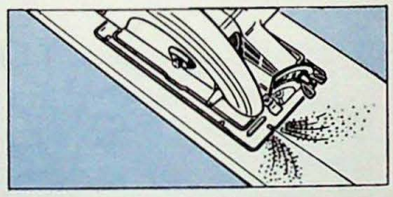
Three completely redesigned models with a combination of features found on no other saws in their price class! Each has "push-button" blade lock for fast blade change-over. New, improved saw dust ejection system directs dust away from operator; keeps line of cut clear. And redesigned upper guard permits easy blade visibility while cutting. Each saw is equipped with fool-proof "Vari-Torque" clutch for maximum protection against saw "kick-back", overloading of motor and bearings. *Specify voltage.*



BLADE LOCK: Push button engages and locks saw shaft permitting fast, easy blade changes. Another SKIL exclusive for greater user safety and convenience.

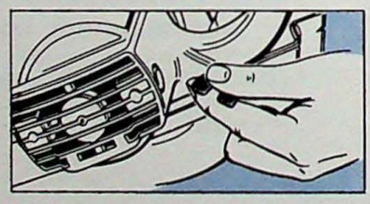


SAWDUST EJECTION: Controlled sawdust ejection system directs dust away from operator and down to floor. Keeps annoying dust away from user's face while cutting.

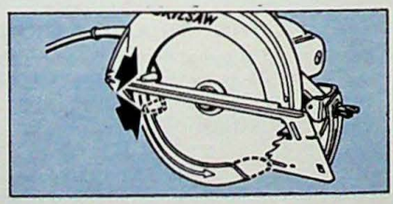


CLEAR LINE OF CUT: New, improved exhaust system delivers stream of air out in front of saw. Keeps line of cut clear of saw dust while cutting.

BLADE VISIBILITY: Newly designed upper guard permits easy visibility of blade while cutting. Gives the operator the "extra" accuracy needed on critical cuts.



DEPTH ADJUSTMENT: Convenient, easy-to-reach, new depth adjustment locks saw rigidly at any cutting depth. Large wing nut allows easy one hand adjustment.



NON-BINDING GUARD: Even on compound miter cuts lower guard cannot bind on entering work. As saw foot is tilted, it lifts guard allowing free starts.

COMPARATIVE SPECIFICATIONS

equipment, all models: Combination blade; 3-wire cord with connector; blade wrench.

general specifications:

motor: Universal A.C. or D.C. up to 60 cycles.

voltage: Standard, 115. Furnished on order for 220 and odd voltages at no extra cost.

switches: Enclosed double pole, momentary contact trigger switch.

guard: Safety telescoping guard shields blade when not cutting. Has safety retractor handle.

arbor: SKIL diamond arbor.

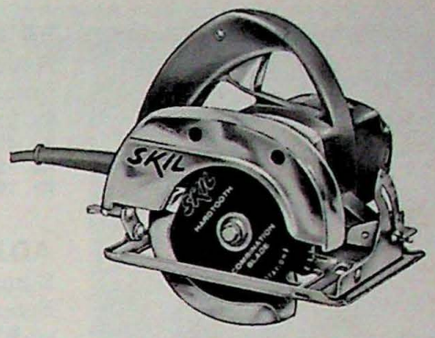
bearings: 3 ball and 1 needle roller bearing.

model no.	blade dia. inches	vertical depth of cut, inches	depth of cut at 45°, inches	no-load r.p.m.	amp rating at 115V	length overall, inches	net weight, lbs.	shpg. weight, lbs.
864	6½	1/16-2 3/16	1¾	6000	10	10¼	10¾	15
874	7¼	1/16-2 3/8	1 13/16	6300	12	12	14	18
884	8¼	1/16-2 7/8	2 3/16	6300	13	12	14½	20

SKIL TRIM SAW

4¼" MODEL 604 (1 5/32" depth of cut)

For all finish, trim and corner jobs. Speeds through roofboard, sheathing, wallboard, flooring, all types of plywood . . . even plaster! Easy to handle for trimming and close-quarter cutting. Makes full 45° bevel-cuts in 1" material. Has ½" round arbor. (See Page 8 for 4¼" round arbor blades.) *Specify voltage.*



COMPARATIVE SPECIFICATIONS:

equipment: Combination blade; 3-wire cord and connector; blade wrench.
general specifications:
motors: Universal A.C. or D.C. up to 60 cycles.
voltage: Standard, 115. Furnished on order for 220 and odd voltages at no extra cost.
switches: Enclosed double pole, momentary contact trigger switches.
guard: Safety telescoping guard shields blade when not cutting. Safety retractor handle.
arbor: ½" round arbor. **bearings:** Bronze sleeve bearings.

model no.	blade dia. inches	vertical depth of cut, inches	depth of cut at 45°, inches	no-load r.p.m.	amp. rating at 115V	length overall, inches	net weight, lbs.	shpg. weight, lbs.
604	4¼	3/32-1 3/32	1	3650	5.5	8¼	6½	9

SAW ACCESSORIES

MODEL 599, 699 RADIAL TABLES

for SKIL portable saws

Quickly converts a SKIL portable Saw into an efficient radial saw. Speeds production on pre-cut framing and gang-cutting operations for multi-unit construction projects. Saw is easily removed for portable use.

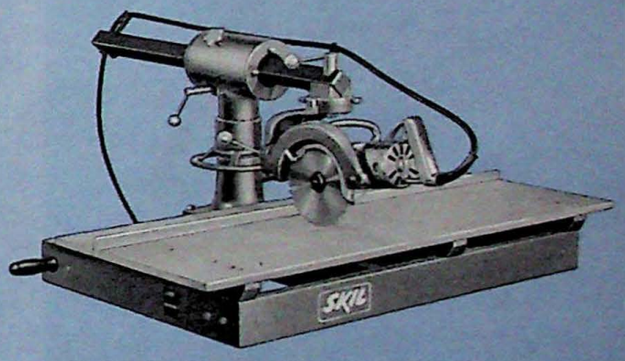
Model 599 For Model 77, 825 Saws consists of one each No. 642 Radial Table, No. 16879 Mounting Bracket (*packaged separately*).

Model 699 For Model 874 (serial no. B28000 and below); 884 (serial no. B52000 and below). Consists of one each No. 642 Radial Table, No. 16878 Mounting Bracket (*packaged separately*).

specifications: supporting head 8 ball bearings (4 adjustable for wear); **vertical adjustment** 6½", **depth of cut** same as individual saw used; **net weight** (both models) 170 lbs.; **shipping weight** 185 lbs.; **cutting capacities as follows:**

table model no.	maximum cut-off	maximum rip
599	19"	28½"
699	18"	24¼"

No. 16792—Extra equipment, 4 steel legs.

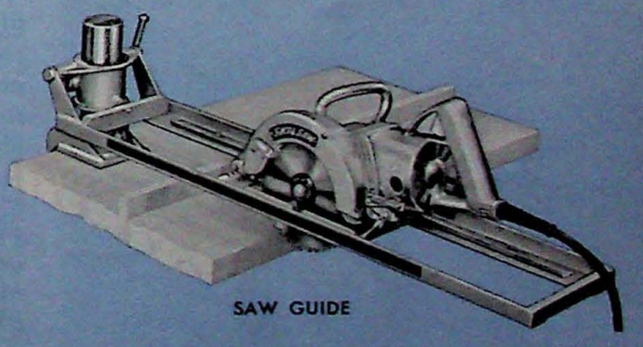


RADIAL TABLE

MODEL 149 SAW GUIDE

Inexpensively converts SKIL Saws to portable radial saws. Fits Models 77, 825, 87 and other popular makes with base width of 4 13/16" to 5⅛". Attaches to a platform set on two sawhorses; gives increased accuracy and production for carpenters, small builders and contractors. Just lift saw from guide for portable use. Maximum width of cut at 90°, approximately 17", at 45° approximately 10½". Maximum ripping width, approximately 28". Equipped with rip attachment.

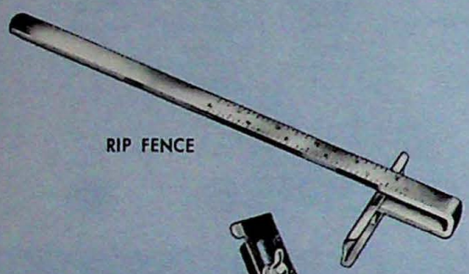
specifications: Include radial range of 120° (60° right or left); bevel capacity 0° to 45°. Column permits 4¼" vertical adjustment, equipped with friction locking lever. **net wt.,** 26 lbs., **shipping weight** 30 lbs.



SAW GUIDE

SAW ACCESSORIES

CARRYING CASE



RIP FENCE

MITRE GUIDE

BLADE FILE

BLADE SET

WATER FEED ATTACHMENT

SAW CARRYING CASES

Handy, durable carrying cases made of heavy gauge steel with special brackets to protect saw and blades.

No. 3240—For Model 87.
No. 4335—For Model 127, 2127.
No. 4524—For Model 107.
No. 10734—For Model 77, 825.
No. 13282—For Model 687, 698, 874, 884.
No. 17316—For Model 367.
No. 18039—For Model 604.
No. 18495—For Model 857 and 858.
No. 18606—For Model 686, 836, 864.

ADJUSTABLE RIP FENCES

Eliminate repeated measuring and marking on rip work. SKIL Rip Fences fit on front of saw base; guide saw accurately to cut uniform width.

model	volts	serial no.	rip fence no.
67	all	all	9726
77	115	143979—below	1880
77	115	143980 thru A-688120	154
77	115	A-688226—up	13896
77	220	149263—below	1880
77	220	149264 thru 808159	154
77	220	808160—up	13896
87	115	152000—below	1880
87	115	152001—up	154
87	220	158583—below	1880
87	220	158584—up	154
107	all	all	154
127	all	all	154
367	all	all	17474
604	all	all	17798
825	115	186001 thru A-625789	154
825	115	A-625790—up	13897
825	220	186851 thru 564098	154
825	220	564099—up	13897
836	all	all	17984
857	all	all	18450
858	all	all	18450
864	115-220	B-87000—below	11496
864	115-220	B-750001—up	20271
874	115-220	B-28000—below	11496
874	115-220	B-732001—up	20271
884	115-220	B-52000—below	11496
884	115-220	B-741001—up	20271
2127	all	all	154

NO. 13802 MITER GUIDE

A really practical accessory for most every wood cutting job. Set it at a desired angle just once, and you can make any number of cuts at precisely that same angle. Your portable saw easily follows guide bar for both right and left hand miter cuts. Eliminates time spent in figuring angles and plotting layouts.

BLADE STUD WRENCHES

No. 266—Fits all current model SKIL Portable Saws.
No. 200—Deluxe "T" handle for SKIL Portable Saws.
No. 16868—For 4¼" Model 604 Trim Saw.

BLADE FILES

No. 210 Round Tapered File—Keeps gullets between blade teeth round, prevents cracking.

No. 228 Blade Tooth File—Specially shaped file for sharpening blade teeth without distortion.

NO. 284 BLADE SET

Fast, accurate, "hammer-set" type. Adjustable for 4" to 12" blades. Place blade on arbor, strike anvil two or three times with hammer on every other tooth; turn blade over and repeat on alternate teeth. Fits ½", ⅝" and ¾" round arbor blades as well as regular diamond arbor SKIL Blades.

WATER FEED ATTACHMENTS

Easily attaches to SKIL Portable Saws. Perforated fork supplies water for both sides of blade. Equipped with 10 ft. of hose with standard connection for attaching to faucet or extension hose. *Must be used with diamond grit blades.* May also be used with cut-off wheels.

No. 5750—For Models 77, 825, 107, 127. **No. 13395**—For Models 874 (B28000 and below), 884 (B52000 and below). **No. 19576**—For Models 857 and 858.

PERMA-GRIT* BLADES

NEW TUNGSTEN CARBIDE ABRASIVE TOOLS ARE SAFEST CUTTING BLADES EVER MADE!

PERMA-GRIT BRAND WHEELS, BLADES

The safety of these new Perma-Grit tools makes them a special asset for assembly, construction or workshop operations. With no teeth to snag or pull, they cannot throw wood . . . eliminate saw "kickback." Tungsten carbide grit is copper-bonded to edge and sides; means material is *cut* and *sanded* in one operation! Ideal for finish carpentry or cabinet work as material is ready for installation. Excellent results in cutting thin veneers, plywood, Masonite, fiber glass and other industrial plastics which tooth-type blades may splinter (not recommended metal or stone). In addition, Perma-Grit Wheels and Sander Blades have the versatility of 5 different blades! With grit bonded all the way up each side, they not only cut and sand, but also shape, notch, plough and face sand. Should abrasive surface become clogged with resin or gum, a wire brush and solvent will quickly restore blade's effectiveness.

PERMA-GRIT BRAND WHEELS

for table and radial saws

No. 18720—8" Perma-Grit Wheel, 5/8", 1/2" arbors, 36 grit on edge and one side, 80 grit on other side.
No. 18721—8" Perma-Grit Wheel, 5/8", 1/2" arbors, 36 grit on edge, 80 grit both sides.
No. 19782—8" Perma-Grit Wheel, 5/8", 1/2" arbors, 36 grit on edge and sides.
No. 19758—10" Perma-Grit Wheel, 1", 3/4", 5/8" arbors, 36 grit on edge and both sides.
No. 19759—10" Perma-Grit Wheel, 1", 3/4", 5/8" arbors, 36 grit on edge, 60 grit both sides.

PERMA-GRIT BRAND WHEEL

PERMA-GRIT BRAND BLADE

PERMA-GRIT BRAND BLADES

for portable saws

These blades have abrasive grit on edge and 1/2" on each side. For cutting only.

No. 19908—6" Perma-Grit Blade, with diamond arbor, 46 grit.
No. 19911—6" Perma-Grit Blade, 5/8" round arbor, 46 grit.
No. 19909—7 1/4" Perma-Grit Blade, with diamond arbor, 46 grit.
No. 19912—7 1/4" Perma-Grit Blade, 5/8" round arbor, 46 grit.
No. 19910—8" Perma-Grit Blade, with diamond arbor, 46 grit.
No. 19913—8" Perma-Grit Blade, 5/8" round arbor, 46 grit.

PERMA-GRIT BRAND SANDER BLADE

PERMA-GRIT BRAND SANDER BLADES

for portable saws

These blades have abrasive grit on edge and both sides (46 grit on edge and one side, 80 grit on other side). Designed for portable saws used in stationary radial or saw tables.

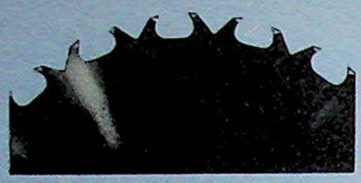
No. 20152—6" Perma-Grit Sander Blade, with diamond arbor.
No. 20155—6" Perma-Grit Sander Blade, 5/8" round arbor.
No. 20153—7 1/4" Perma-Grit Sander Blade, with diamond arbor.
No. 20156—7 1/4" Perma-Grit Sander Blade, 5/8" round arbor.
No. 20154—8" Perma-Grit Sander Blade, with diamond arbor.
No. 20157—8" Perma-Grit Sander Blade, 5/8" round arbor.

FOR OTHER PERMA-GRIT BRAND PRODUCTS see pages 56 and 57

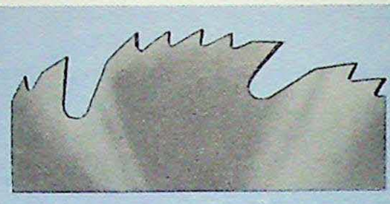
* A trademark of SKIL Corporation

SAW BLADES

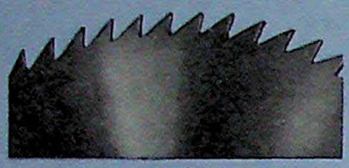
A. COMBINATION



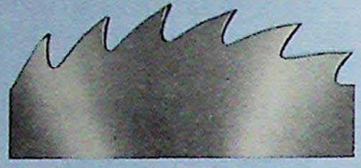
B. TWO-WAY COMBINATION



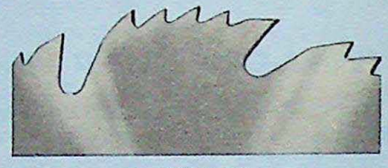
C. NOVELTY COMBINATION



D. CROSS-CUT



E. RIP



F. MITER

A. COMBINATION

For cross-cut and rip work in soft woods, general carpentry. Most frequently selected, most popular SKIL Saw Blade. **Nos. 19703, 20339, are special "hardtooth" blades; stay sharp up to 3 to 4 times longer.**

DIAMOND ARBORS for SKIL Saws† part no.	nominal dia., in.	ROUND and SQUARE ARBORS for other portable and table saws part no.	dia., inches	arbor size, inches
*376	5⅞	17012	4¼	½ Rd.
11395	6	20339	5½	½ Rd.
*16122	6½	20677	5½	½ Rd.
*377	7¼	12610	6	½, ⅝ Rd.
871	8	16967	6	½ Sq.
*388	8¼	16957	6⅛	1⅛ Rd.
379	9	13834	6¼	⅝, ¾ Rd.
380	10	17988	6½	⅝ Rd.
382	12	19703	6½	⅝ Rd.
		13853	7	⅝, ¾ Rd.
		13247	7¼	⅝ Rd.
		389	7¼	¾ Rd.
		16968	7¼	13/16 Sq.
		16958	7⅜	1⅛ Rd.
		13854	7½	⅝, ¾ Rd.
		12611	8	⅝, ¾ Rd.
		13855	8¼	⅝ Rd.
		16959	8¼	1⅜ Rd.
		16969	8½	13/16 Sq.
		12612	9	⅝, ¾ Rd.
		12613	10	⅝, ¾ Rd.
		12614	12	¾, 1 Rd.

NOTE: PART NUMBERS SHOWN IN BLUE ARE CHISEL TOOTH COMBINATION BLADES.

B. TWO-WAY COMBINATION

For general-purpose cross-cutting or rip sawing. Cuts in either direction! Stays sharp up to 4 times longer than ordinary blades, has 50% harder cutting edge. Periodic reversing of blade gives self-sharpening action that prolongs blade life. Low price makes it economical to discard when dull.

13550	5⅞
13551	7¼
13552	8¼

C. NOVELTY COMBINATION

A good blade choice for general use in cabinet work. Produces smooth cuts with or across the grain. **No. 16544 is a special "hardtooth" blade; stays sharp up to 3 to 4 times longer.**

16544(c)	4¼	½ Rd.
12630(c)	6	½, ⅝ Rd.
12631(c)	8	½, ⅝ Rd.
12632(c)	9	⅝, ¾ Rd.
12633(c)	10	⅝, ¾ Rd.
12634(c)	12	¾, 1 Rd.
391(a)	14	1 Rd.
392(a)	16	1 Rd.
13342(b)	18	1 Rd.

(a) two teeth and raker (b) three teeth and raker (c) four teeth and raker

*Packed in cartons of 10. Order in lots of 10 where possible for convenience and quantity discount.

D. CROSS-CUT

Gives smoother cross-grain cuts than combination types. Also practical for use as rip and cut-off blade in extremely hard woods.

DIAMOND ARBORS for SKIL Saws† part no.	nominal dia., in.	ROUND and SQUARE ARBORS for other portable and table saws part no.	dia., inches	arbor size, inches
9752	5⅞	12620	6	½, ⅝ Rd.
16123	6½	16970	6	½ Sq.
356	7¼	13856	6¼	⅝, ¾ Rd.
293	8	18552	6½	⅝ Rd.
350	8¼	13857	7	⅝, ¾ Rd.
357	9	19258	7¼	⅝ Rd.
9763	10	16971	7¼	13/16 Sq.
334	12	12621	8	⅝, ¾ Rd.
		12256	8¼	⅝ Rd.
		12622	9	⅝, ¾ Rd.
		12623	10	⅝, ¾ Rd.

E. RIP

For maximum speed in cutting with the grain. Similar to combination blade in tooth shape, but has more set to minimize binding.

12767	5⅞	12600	6	½, ⅝ Rd.
18547	6½	18553	6½	⅝ Rd.
352	7¼	18565	7	⅝, ¾ Rd.
12768	8¼	19259	7¼	⅝ Rd.
353	9	12601	8	⅝, ¾ Rd.
9764	10	19261	8¼	⅝ Rd.
330	12	12602	9	⅝, ¾ Rd.
		12603	10	⅝, ¾ Rd.
		12604	12	¾, 1 Rd.
		9896	14	1 Rd.
		9897	16	1 Rd.

F. MITER

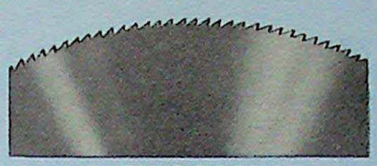
Hollow-ground blades for very smooth cutting (sometimes called "planer" blades). Use for accurate rather than fast cutting. May be used with lubricant for cutting soft aluminum, copper, etc.

314	5⅞	18015	4¼	½ Rd.
16124	6½	20678	5½	½ Rd.
362	7¼	12640	6	½, ⅝ Rd.
9757	8	16972	6	½ Sq.
9758	10	13858	6¼	⅝, ¾ Rd.
		18554	6½	⅝ Rd.
		13859	7	⅝, ¾ Rd.
		19260	7¼	⅝ Rd.
		16973	7¼	13/16 Sq.
		12641	8	⅝, ¾ Rd.
		12257	8¼	⅝ Rd.
		12642	9	⅝, ¾ Rd.
		12643	10	⅝, ¾ Rd.
		12644	12	¾, 1 Rd.
		397	14	1 Rd.

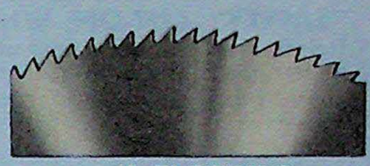
†Except models 502, 504, 533, 604, 536 and 836.

See Price List for quantity discounts on SKIL Saw Blades.

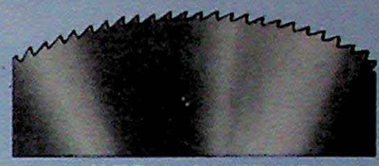
SAW BLADES



G. FINE-TOOTH

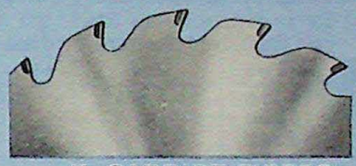


H. FLOORING

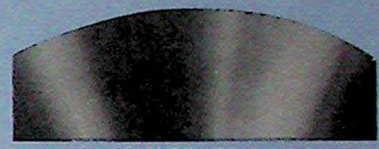


I. METAL SLITTING

J. FRICTION



K. CARBIDE-TIPPED



L. KNIFE BLADES

G. FINE-TOOTH

For cutting Celotex or similar soft wallboard; 1/16" or thinner plastic materials.

DIAMOND ARBORS for SKIL Saws† part no.	nominal dia., in.	ROUND and SQUARE ARBORS for other portable and table saws part no.	dia., inches	arbor size, inches
280	5 7/8	12670	6	1/2, 5/8 Rd.
366	7 1/4	12671	8	5/8, 3/4 Rd.
9744	8			
361	9			

H. FLOORING

For repairing old floors, cutting crating or used lumber where nails are encountered. Use a blade 1 to 2 inches smaller (dia.) than maximum saw capacity.

9775	5 7/8	12660	6	1/2, 5/8 Rd.
358	7 1/4	16974	6	1/2 Sq.
348	8	16975	7 1/4	13/16 Sq.
		12661	8	5/8, 3/4 Rd.
		12662	9	5/8, 3/4 Rd.
		12664	12	3/4, 1 Rd.

I. METAL SLITTING (for non-ferrous metals)

Nos. 18548, 9813 and 17007 cut 3/8" and thicker aluminum, magnesium or lead.

18548	6 1/2
9813	7 1/4
17007	8 1/4

Nos. 18549, 9814 and 17008 cut copper, brass, 3/8" or thinner aluminum and magnesium, 1/16" and thicker plastics. For cutting thick metals, use with SKIL Super-Duty (worm-drive) Saws, preferably with slow speeds.

18549	6 1/2
9814	7 1/4
17008	8 1/4

No. 393 is a special blade for cutting wood-sheet metal laminates only. All metal slitting blades are hollow ground.

393	6	369	14	1 Rd.

J. FRICTION (for ferrous metals)

For cutting light gauge flat or corrugated sheets or iron, such as metal roofing. Hollow ground. Use only on Model 77 Saw or larger.

9768	5 7/8
9769	8

K. CARBIDE-TIPPED

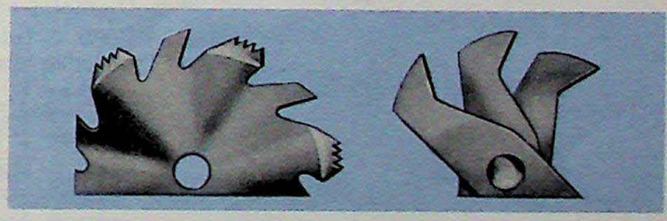
These remarkable blades stay sharp up to 30 times longer in cutting new lumber; give excellent service on hard-to-cut materials like asbestos cement, asphalt siding and other semi-abrasive products that quickly dull regular blades. Nos. 9590 and 9598 recommended for heavy-duty service. Carbide-tipped blades cannot be used for stone, masonry, metal or wood where nails may be encountered.

DIAMOND ARBORS for SKIL Saws† part no.	nominal dia., in.	ROUND and SQUARE ARBORS for other portable and table saws part no.	dia., inches	arbor size, inches
	no. teeth	dia.				
7996	6	5 7/8		no. teeth	dia.	
18550	6	6 1/2				
7997	8	7 1/4	12775	12	14	1 Rd.
9590	18	7 1/4	12776	12	16	1 Rd.
7998	8	8 1/4				
9598	20	8 1/4				

L. KNIFE BLADES

For cotton sampling; also for cutting rubber, Neoprene, rugs, fabrics and related materials. No. 9772 is a steel knife blade; No. 16293 is a beryllium copper, non-sparking knife blade.

9772	5 7/8
16293	5 7/8



M. DADO SETS

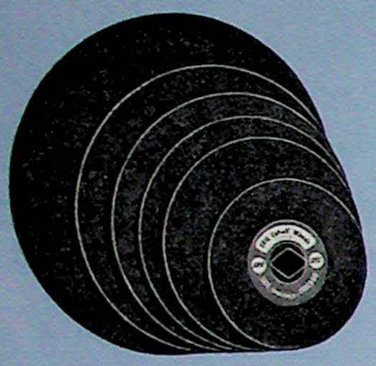
Sets listed below are adjustable from 1/8" to maximum width by sixteenths. Extra chippers for 6", 7" and 8" sizes are available on special orders; extra chippers for 10" No. 394 listed on Page 15.

				set includes:				
part no.	dia. inches	arbor size, inches	outside cutters, ea. 1/8" wide	chippers, inches 1/16	1/8	1/4	cutting capacity, inches
12676	6	5/8 Rd.	2	1	1	1	1/8 to 11/16
321	6	3/4 Rd.	2	1	2	2	1/8 to 1 1/16
4559	7	3/4 Rd.	2	1	2	6	1/8 to 2 1/16
12677	8	5/8 Rd.	2	1	1	1	1/8 to 11/16
394	10	1 Rd.	2	1	2	1	1/8 to 13/16

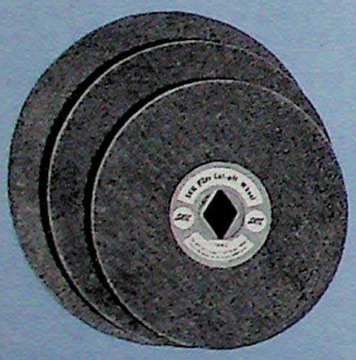
† Except models 502, 504, 533, 604, 536 and 836.

See Price List for quantity discounts on SKIL Saw Blades.

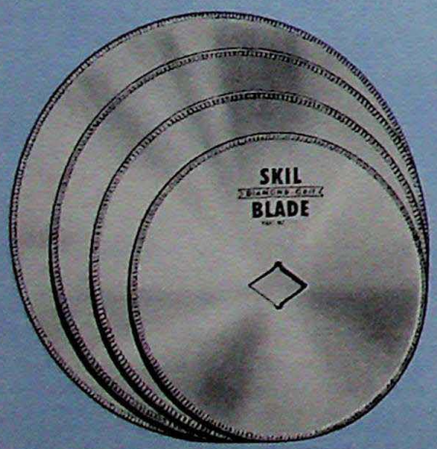
SAW BLADES



"SAFETY"
CUT-OFF WHEELS



"FLEX"
CUT-OFF WHEELS



DIAMOND
GRIT BLADES

"SAFETY" CUT-OFF WHEELS

Reinforced with fiberglass cloth, new SKIL "safety" wheels have a higher percentage of grits. This unique construction offers *fastest possible cutting* in a reinforced wheel! Highest quality electric furnace abrasives are used . . . bonded with phenol resin. Built for long and safe service, "safety" wheels are highly *break resistant*. Steel insert reinforces diamond-arbor hole. Order carefully for each specific job.

TYPE A (aluminum oxide) Abrasive

For all ferrous metals (steel, cast iron, stainless steel) and **hard** non-ferrous metals like hard brass, hard aluminum, hard bronze, etc.

part no.	size	pkg. qty.	part no.	size	pkg. qty.
18365	5⅞" x ⅛"	10	18369	9" x ⅛"	10
18366	6½" x ⅛"	10	18370	10" x ⅛"	10
18367	7¼" x ⅛"	10	18371	12" x ⅛"	10
18368	8¼" x ⅛"	10			

TYPE C (silicon carbide) Abrasive

For very hard masonry materials: hard-aggregate concrete, marble, granite, glazed and ceramic tile, slate, terrazzo, acid-proof brick; face, silica and hard-chrome brick; Magnesite, etc.

part no.	size	pkg. qty.	part no.	size	pkg. qty.
18350	5⅞" x ⅛"	10	18352	7¼" x ⅛"	10
18351	6½" x ⅛"	10	18353	8¼" x ⅛"	10

For medium hard masonry materials: concrete block, fire clay and refractory brick, limestone, Arizona flagstone, Lannon stone, crab orchard stone; roofing, sewer and structural tile; terra cotta, and asbestos cement (over ¼" thick), etc. Also for **soft** non-ferrous metals like soft aluminum; soft bronze, soft brass, etc.

part no.	size	pkg. qty.	part no.	size	pkg. qty.
18354	5⅞" x ⅛"	10	18358	9" x ⅛"	10
18355	6½" x ⅛"	10	18359	10" x ⅛"	10
18356	7¼" x ⅛"	10	18360	12" x ⅛"	10
18357	8¼" x ⅛"	10			

For softer masonry materials: common brick, insulating brick, cinder block, sandstone, Austin stone, Gypsum, corrugated plastic, asbestos cement (up to ¼" thick), and other soft grades of masonry products.

part no.	size	pkg. qty.	part no.	size	pkg. qty.
18361	5⅞" x ⅛"	10	18363	7¼" x ⅛"	10
18362	6½" x ⅛"	10	18364	8¼" x ⅛"	10

NOTE: Arbor adapters are available from your SKIL distributor or SKIL Factory Branch to permit use of these diamond-arbor "safety" and "flex" cut-off wheels on saws having ½" or ⅝" round arbors.

NOTE: Before using any cut-off wheel always be sure its maximum safe operating speed (shown on wheel blotter) is not exceeded by the free speed of the tool (shown on name-plate). Use only on tools with proper safety guards.

(See Price List for quantity discounts on Cut-Off Wheels.)

"FLEX" CUT-OFF WHEELS

Made of 100% electric furnace abrasives that are resinoid bonded and reinforced with *five* layers of interwoven Nylon cord. This construction results in a wheel which will "give" without shattering, provides maximum safety! SKIL "flex" wheels eliminate breakage and reduce replacement time . . . afford big savings over non-reinforced types. Diamond-arbor hole reinforced with steel insert.

TYPE A (aluminum oxide) Abrasive

For cutting hard metals, steel, stainless steel, cast iron, hard brass, hard bronze, etc.

part no.	size	pkg. qty.	part no.	size	pkg. qty.
13157	5⅞" x ⅛"	10	11641	8¼" x ⅛"	10
11640	7¼" x ⅛"	10	11642	9" x ⅛"	10

TYPE C (silicon carbide) Abrasive

For cutting masonry, firebrick, non-metals, and for soft non-ferrous metals.

part no.	size	pkg. qty.	part no.	size	pkg. qty.
13158	5⅞" x ⅛"	10	11644	8¼" x ⅛"	10
11643	7¼" x ⅛"	10	11645	9" x ⅛"	10

"FLEX" POINTING WHEELS for SKIL tuckpointing grinder

Of Nylon reinforced construction for cutting lime and cement motar, brick, concrete and similar materials. *Silicon carbide abrasive.* Use with Model 465 Tuckpointing Grinder, and No. 19248 Tuckpointing Kit. Wheels have ⅝" round dia. arbor holes.

part no.	size	pkg. qty.	part no.	size	pkg. qty.
11646	8" x ⅛"	10	11647	8" x 3/16"	10

DIAMOND GRIT BLADES

Cut all stone and masonry materials, glass and asbestos cement. Embedded diamond grit gives a faster working, longer lasting edge that cuts cleaner and smoother . . . without dust. Outlast and outcut cut-off wheels by 10 to 1! Blade cannot be used dry—see SKIL Water Feed Attachments on page 6.

No. 341—7" dia., 050" thickness.
No. 344—8" dia., 050" thickness.
No. 372—9" dia., 064" thickness.
No. 375—10" dia.. 064" thickness.

SKIL RECIPRO SAW

THE FIRST TWO-SPEED RECIPROCATING SAW— OBSOLETES ALL OTHER SAWS OF ITS KIND!

MODEL 700 RECIPRO SAW

New, two-speed Recipro Saw is a heavy duty, full ball-bearing tool. An all-purpose saw for plumbers, electricians, builders, sheet metal and ventilating contractors. Powerful motor develops over ½ horsepower. Has high speed for fast cutting in wood, plaster and composition material. Low speed for metal cutting. Has two-position shoe, or work rest—when one blade section wears out, another part can be used! Blade is located off center and is reversible in blade clamp—allows close cuts to corners. Has simple, rugged reciprocating mechanism—only three principal moving parts. All parts subject to wear are heat-treated alloy steel. Wobble plate is break resistant forged steel. Has removable T-type top handle for extra handling ease. Carrying case included. *Specify voltage.*

SEE PAGE 12 FOR RECIPRO SAW BLADES

SPECIFICATIONS

equipment: 8 assorted blades; No. 20184 blade clamp key and holder; No. 20580 Carrying Case; 3 wire cord and connector.

general specifications:

motor: Universal, D.C. or A.C. up to 60 cycles.

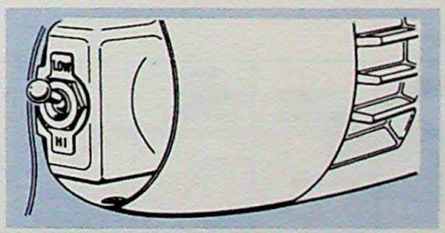
voltage: Standard, 115. Furnished on order for 220 and odd voltages at no extra cost.

switches: Enclosed double pole, momentary-contact trigger and toggle switches.

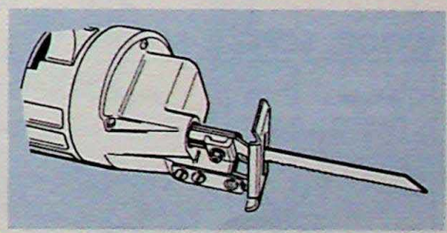
bearings: All ball-bearing construction.

model no.	length of stroke	strokes per minute high speed, low speed		amp. rating at 115v high speed, low speed		overall length	net weight lbs.	shpg. weight, lbs.
700	1 7/32"	3800	2500	6	4	13 7/8"	8	12

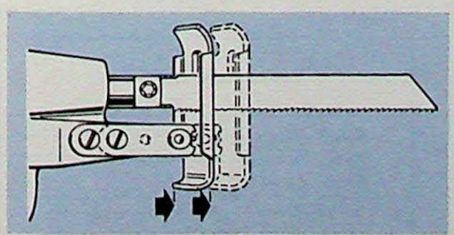
YOU GET ALL THESE *OUTSTANDING* FEATURES



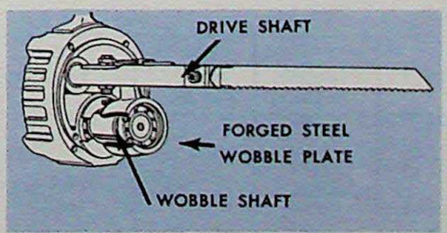
TWO-SPEED MOTOR—Most important advance in reciprocating saw design. High speed for fast cuts in wood—low speed cuts metal fast yet minimizes blade wear



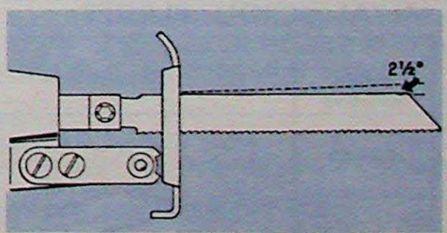
OFF-CENTER BLADE—Located on right side of saw, for cuts close to corners. By reversing blade in clamp, you can cut up or down; turn tool over for close left side cuts.



TWO-POSITION SHOE—Actually doubles blade life! As blades become worn, remove screws and reposition shoe. A new, unused part of the blade is now doing the cutting.



ONLY THREE MOVING PARTS—Rugged, simple reciprocating mechanism has only three principal moving parts for longer tool life, minimum maintenance.

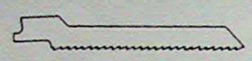
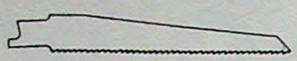


FASTER CUTTING—Blade is tilted slightly to clear work on return stroke. This action means faster cutting because chips can clear work, prevent excessive blade wear.

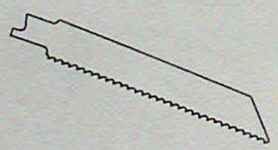
RECIPRO SAW BLADES

ALL BLADES PACKAGED 10 PER BOX

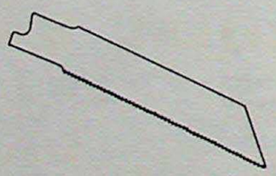
WOOD ROUGHING-IN BLADES

blade number	illustration	length (inches)	no. teeth per in.	type steel	recommended use
20539		6	6	Chrome-Nickel Alloy Steel	Wood—roughing-in work. (Extremely fast cutting, longest life)
20540		12	6		
20572		6	8	Special Alloy Saw Steel	Hardwoods—roughing-in work requiring smooth finish. (Very long life, nail resistant)
20573		12	8		

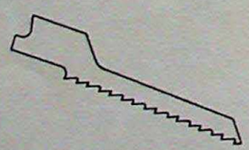
MULTI-PURPOSE BLADES

blade number	illustration	length (inches)	no. teeth per in.	type steel	recommended use
20355		3½	6	Flexible Saw Steel, Hardened Edge	Insulating board, composition sheathing, Celotex.
20356		6	6		
20541		3½	10		General purpose economy blades. for wood, wood with nails, plywood (rough), plaster, wallboard, asbestos, soft metals.
20542		6	10		
20543		12	10		

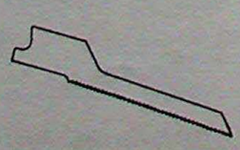
METAL CUTTING BLADES

blade number	illustration	length (inches)	no. teeth per in.	type steel	recommended use
20548		4	14	High Speed Hack Saw Steel	Metals over ⅛-in. thick. Includes angle irons, heavy pipe, plastics, Masonite, fiber glass.
20359		6	14		
20546		4	18		Metals over 18 gauge thick. Includes sheet metal, conduit, tubing.
20360		6	18		
20544		3¼	24		Light sheet metal and trim strips.

WOOD SCROLL BLADES

blade number	illustration	length (inches)	no. teeth per in.	type steel	recommended use
20537		3½	6	High Speed Steel	Scroll work—wood, plywood, veneers, plastics, Formica, fiber glass. Taper ground blade. (Fast cutting, smoothest finish)
20538		3½	6	Chrome-Nickel Steel	Scroll work—wood, building boards, etc. (Fastest cutting, rough finish)
20550		4	8	Special Alloy Saw Steel	

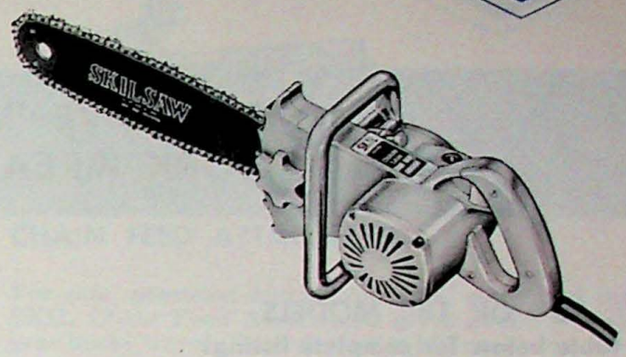
METAL SCROLL BLADES

blade number	illustration	length (inches)	no. teeth per in.	type steel	recommended use
20549		4	14	High Speed Steel	Scroll Work — Materials over ⅛-in. thick, including metals, plastics, fiber glass, masonite.
20547		3¼	18		Scroll Work — Materials over 18 gauge thick, including metals, plastics, Masonite.
20545		3¼	24		Scroll work, thin sheet metal.

NO. 21085—Assortment of 12 popular size Blades.

SKIL CHAIN SAWS

14" MODEL 605 • 20" MODEL 606



Most advanced electric chain saw on the market. For felling timber, limbing, cutting heavy beams, ties, piling and cordwood up to 14" for Model 605, up to 20" for Model 606. Features wrap-around pipe handle for cutting at any angle; built-in, push-button chain oiler; durable fast-cutting chipper chain. Both models require 1500-watt portable generator.

ACCESSORIES

No. 11622—Special round file for sharpening chain.

No. 11686—Special file, file holder and handle. A complete sharpening tool. Positions file at correct depth and angle.

No. 13143—Steel carrying case for Model 605 only. Bracketed for chain saw; will accommodate extension cord and other accessories.

No. 11167—Extension cord (100 feet, 14 gauge) with 3 cavity twist-lock connector and 3 prong molded rubber plug. High quality 3-wire rubber covered cord.

No. 11630—14" replacement chain, complete.

No. 12680—20" replacement chain, complete.

No. 11232—Chain repair parts assortment (also included with above replacement chains).

COMPARATIVE SPECIFICATIONS

equipment: Set of extra-long holding claws, chipper chain and package of chain repair parts, chain sharpening file and handle; 6" 3-wire cord and connector.

general specifications:
motors: Universal, D.C. or A.C. up to 60 cycles.
voltages: Standard, 115; furnished on order for 220 and odd voltages at no extra cost.
switches: Enclosed double-pole, momentary contact trigger types.
chains: Chipper type, 3/8" pitch, 5/64" kerf.
bearings: Ball and needle roller.

model no.	capacity, one cut, inches	free speed of chain, ft. per min.	amp. rating at 115V	generator size required, watts	length overall, inches	net weight, lbs.	shpg. weight, lbs.
605	14	1500	9	1500*	27 3/8	16 1/4	22
606	20	1500	10	1500*	33	17 1/4	23

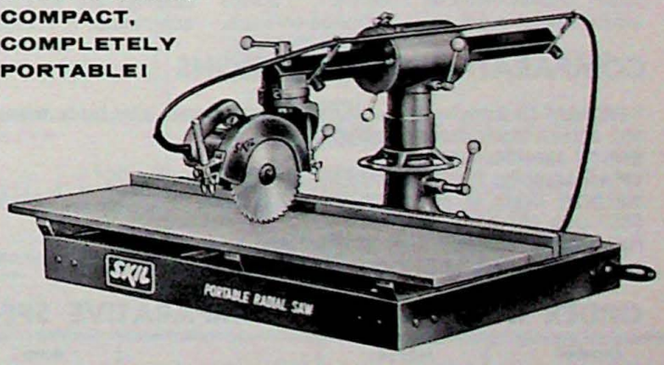
*Continuous output at full rated voltage of saw.

PORTABLE RADIAL SAW

1½ H.P. MODEL 649

An outstanding value for contractors and builders! Delivers 25% more power and makes bigger cuts, yet weighs less than other radial saws in its class. Lightweight and compact, Model 649 can be set-up on building sites to cut all framing, studding and rafters... then, carry it inside for fast cutting on trim work. Also cuts stone, tile, masonry, metals, asbestos, etc., with proper blades. *Specify voltage.*

LIGHTWEIGHT, COMPACT, COMPLETELY PORTABLE!



ACCESSORIES

No. 16792—Set of 4 steel legs to convert Model 649 to stationary installation in shops or on building sites.

No. 13581—Lower safety guard, "floating" type that affords maximum protection. Easily attaches to power unit; simple to detach for shaping, drum sanding.

Saw Blades—See Pages 8, 9 for listing of 8¼" blades in various cutting types; Page 10 for cut-off wheels.

NO. 13370 SANDER-SHAPER KIT

Includes expanding rubber drum and 10 sanding belts of 4 assorted grits; 3 high-speed steel shaping cutters; mounting arbor and 4 spacing washers. (See the next page for a big variety of shaping cutters for most any stock or custom moulding and decorative trim.)

COMPARATIVE SPECIFICATIONS

equipment: Cross-cut blade, blade wrench, 3-wire cord with connector, anti-kickback device, carrying handles.

general specifications:
motor: Universal, D.C. or A.C. up to 60 cycles.
voltage: Standard, 115; furnished on order for 220 and odd voltages at no extra cost.
switch: Enclosed double-pole, momentary contact trigger.

model no.	blade dia., inches	rating, h.p.	amp rating at 115v	free speed, r.p.m.	max. depth of cut, inches	cut-off capacity,* inches	table size, inches		net weight, lbs.	shpg. weight, lbs.
							width	depth		
649	8¼	1½	12	5700	3 1/16	18	47¾	20½	169	198

* ***rip capacity:** to center of 48" panel.

RADIAL SAWS

EXCLUSIVE "RETRACTO-GLIDE" ARM CLEARS WORK AREA, SPEEDS MATERIAL HANDLING!

14", 16" OR 18" MODELS

see table below for complete listings

SKIL Radial Saws are offered in a complete range of sizes with models from 2 to 7½ horsepower. In 1" stock cut-off capacity is 19" (25" with optional long arm), and rip capacity is 33" (39" with long arm). Maximum cutting depths are available at 3¼", 4¼" and 5¼". Select the right model for your cutting requirements from the table below.

CHECK THESE OUTSTANDING FEATURES

MOTORS
All are direct drive, totally enclosed (except Models 45082, -83 with self-ventilation for efficient cooling . . . maintain speed under load. Sealed ball bearings used throughout.

CLEAR WORK TABLE
Entire table surface is free of over-arm obstruction with arm in rear position. Perfect for ripping (working the length of the table), no interrupted cuts!

RADIAL ARM GLIDES
Hard chromed, stress-proof steel rails give smooth operation, longer bearing life; give Retracto-Glide arm lifetime rigidity, accuracy. Felt wipers keep rails clean.

TAPER-PIN LOCKS
Assure 100% accurate settings throughout life of tool; located on miter, bevel and rip finder latches. Wear-in evenly . . . always locate saw at exact angle indicated on scale.

8 WIDELY-SPACED BEARINGS
Give maximum support to radial arm. All are extra-large, grease-sealed ball bearings; five bearings are located on cam pins for easy adjustment, if necessary.

SAFE, HANDY SWITCHES
Recessed start-stop buttons to prevent accidental starting, but conveniently located on table front. Available with either manual or optional magnetic starters.

COMPARATIVE SPECIFICATIONS

equipment all models: As illustrated on top of page **plus** blade wrench and anti-kickback device for ripping.
general specifications:
cut-off capacity: Standard arm 19"; optional long arm, 25".
maximum depth of cut: 3¼" with 14" blade; 4¼" for 16" blade, 5¼" with 18" blade.
rip capacity: Standard arm, 33"; optional arm, 39".
speed: 3450 r.p.m. at 60 cycles; 2850 r.p.m. at 50 cycles.
size of frame: 4', 4½" long x 2' 6½" wide x 2' 8" high.
arbor hole: 1" diameter.
dado capacity: 1½".
floor space required, maximum: 4½'. x 5'
net weight: 475 lbs. (approx.).
cubic contents: 41.6 cubic feet.
shipping weight: 567 lbs.

ORDER INFORMATION—COMPARATIVE SPECIFICATIONS

model no.	horse power	voltage	amp. rating	phase	switch	blde dia., inches	depth of cut inches
45001	2	115/230	22/11	1	*Manual	14	3¼
45008	3	220/440	8.3/4.1	3	*Manual	16	4¼
45002	3	115/230	34/17	1	*Manual	16	4¼
45009	5	220/440	13/6.5	3	*Manual	18	5¼
45082	5	230	24.5	1	Magnetic	18	5¼
45083	7½	220/440	19.5/9.75	3	Magnetic	18	5¼

NOTE: All models listed are wired for 220 volts unless otherwise requested, and all have 60-cycle alternating current motors. 50-cycle motors are available for all but 5 h.p. single-phase and 7½ h.p. 3-phase models at no extra cost.

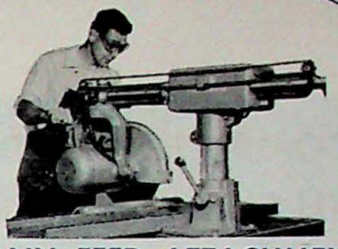
MODIFICATIONS available on special order and at change in price indicated:

***Magnetic switch** available at extra cost per price list. **Long arm for 25" cut-off capacity** at extra cost per price list. **Radial Saw less legs** deduct per price list. **550-volt motors** available for 3-phase models at extra cost. **Models for other types of alternating currents** also available—price and delivery on request.

RADIAL SAW ACCESSORIES

NO. 18013 TRAILER (only)
for SKIL Radial Saws

A light-duty trailer (only) without motor-generator set. Not stocked at factory. Contact your local SKIL Branch Office for specifications and price.



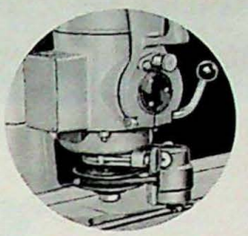
CHAIN FEED ATTACHMENT

For safe, precision cutting of wood, stone and metal, SKIL Chain Feed Attachment gives added control of saw blade travel. Specially valuable on heavy cutting operations such as rafter notching and metal cutting with SKIL Flex Cut-off Wheels.

No. 12770—For Series 315, 450 Radial Saws with std. arm.
No. 17335—For Series 315, 450 Radial Saws with long arm.

AIR FEED ATTACHMENT

For semi or fully automatic operation of saw in cut-off work. Especially suited for production metal cutting. Not stocked at factory. Contact your local SKIL Branch Office for specifications and price.



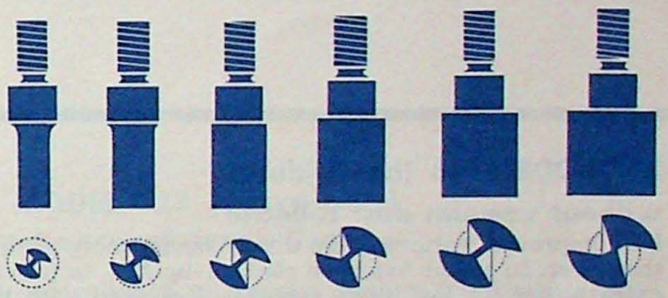
NO. 11150 ROUTER-SHAPER ATTACHMENT

With router bits and shaping cutters listed on this page, almost any stock or custom moulding and decorative trim can be made—on the job. Easily attached or removed in less than five minutes. Pulley ratio increases speed to 12,000 r.p.m. for most efficient work. Equipped with sealed ball bearings, two pulleys, V-belt, guard, threaded arbor and nut for mounting shaping cutters. Router bits screw directly into spindle. Cutter and bits not supplied.

STRAIGHT ROUTER BITS
(left hand rotation)

Made of high-speed steel, these router bits will give long, dependable service on production work. Size range shown will handle a majority of all routing jobs.

no.	11650	11651	11652	11653	11654	11655
size	⅜"	½"	⅝"	¾"	⅞"	1"



SHAPING CUTTERS
(with—½" center hole)

These 3-lip, high-speed steel cutters, used in various successive combinations, permit matching many stock mouldings or cutting special, custom designs.

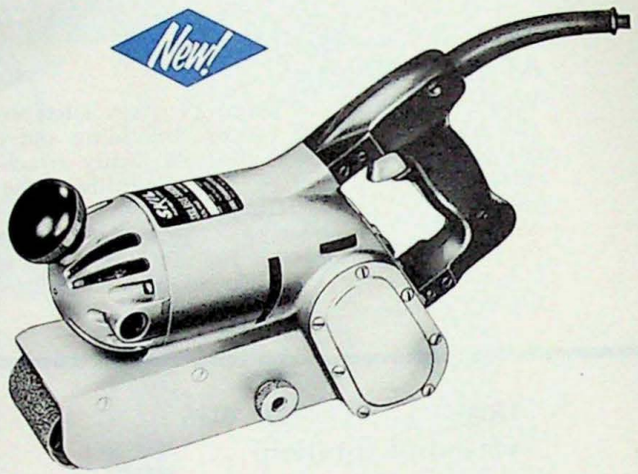
cutter	no., size	cutter	no., size	cutter	no., size
	9888—½" straight face cutter		**9889**—1" face joint bead cutter		**9859**—¼" tongue cutter
	9887—¼" straight face cutter		**9884**—1" moulding cutter		**9882**—1" moulding cutter
	9886—1" straight face cutter		**9857**—1" face joint cove cutter		**9883**—1" moulding cutter
	9885—1" moulding cutter		**9858**—¼" groove cutter		Top view of cutter

BLADES AND ACCESSORIES

No. 391—14" combination blade (standard equipment)
No. 392—16" combination blade (standard equipment)
No. 13342—18" combination blade (standard equipment)
No. 9896—14" rip blade
No. 9897—16" rip blade
No. 397—14" miter blade
No. 369—14" metal slitting blade, for cutting sheet steel and thin non-ferrous metals.
No. 12775—14" carbide-tipped blade (12 teeth)
No. 12776—16" carbide-tipped blade (12 teeth)
No. 394—10" dia. dado set, cuts 13/16" max. width; includes inside and outside cutters, one ¼" chipper, two ⅛" chippers and one 1/16" chipper.
No. 354—1/16" chipper
No. 355—⅛" chipper
No. 364—¼" chipper
No. 12400—14" reinforced cut-off wheel; aluminum oxide abrasive for cutting steel, cast iron and hard non-ferrous alloys. (See No. 12439 below)
No. 16400—14" reinforced cut-off wheel; silicon carbide abrasive for cutting concrete, stone-like products and soft non-ferrous alloys. (See No. 12439 below)
No. 12439—Aluminum exhaust nozzle; replaces std. rubber nozzle. Must be used when cutting metals with cut-off wheels.
No. 9204—Lower safety guard for 14" dia. blades
No. 9205—Lower safety guard for 16" dia. blades
No. 13578—Lower safety guard for 18" dia. blades
No. 7123—Blade wrench (standard equipment)

SKIL BELT SANDERS

A COMPLETE LINE OF SANDERS—2¼", 3", 4", 4½"— WITH EXTRA POWER FOR FAST FINISHING



2¼" MODEL 505 (heavy-duty)

Nothing compares with the lightweight handling ease and fast stock removal of this powerful 2¼" sander. It weighs only 10½ pounds, making it extremely easy to handle on all finishing jobs from a narrow stair railing to paneled walls. Has extra large front handle and contour-grip rear handle for complete control. Belt change-overs are made quickly with simple lever adjustment. Has control knob for centering belt on pulleys. *Specify voltage.*

3" MODEL 448 (heavy-duty)
without vacuum dust collector

New improved features make this 3" sander more popular than ever. Its motor has been stepped-up 15% to provide extra power for fast stock removal. Yet even with this increased power, it is actually cooler running. That's because gear case oil chamber has been doubled in size. Larger air vents and improved fan design have added to cooler performance, too. And new belt-tensioning mechanism makes it easy to install and remove belts. Permits use of ¼" over-size belts. *Specify voltage.*

3" MODEL 449 (heavy-duty)
with vacuum dust collector

Has all the new, advanced features of the Model 448 plus improved dust pick-up system. With special felt wiper at rear of sander, its powerful new motor now draws over 90% of dust through intake system and into dust bag. This feature alone makes the Model 449 a valuable asset to any cabinet or woodworking shop where dust removal is essential. *Specify voltage.*

COMPARATIVE SPECIFICATIONS

equipment: 3-wire cord and connector; medium grit sanding belt; lubricant; visible oil level indicator. Model 449 has heavy fabric dust bag with positive slide closure.

general specifications:

motors: Universal, D.C. or A.C. up to 60 cycles.

voltages: Standard, 115. Furnished on order for 220 and odd voltages at no extra cost.

bearings: All ball-bearing construction, except Model 505 which has ball and sleeve bearings.

switches: Enclosed double pole, momentary contact trigger switches.

belt adjustments: Automatic tensioner; easily released for belt change. Convenient adjusting knob centers belt on pulleys.

flush side: Permits sanding close to upright objects.

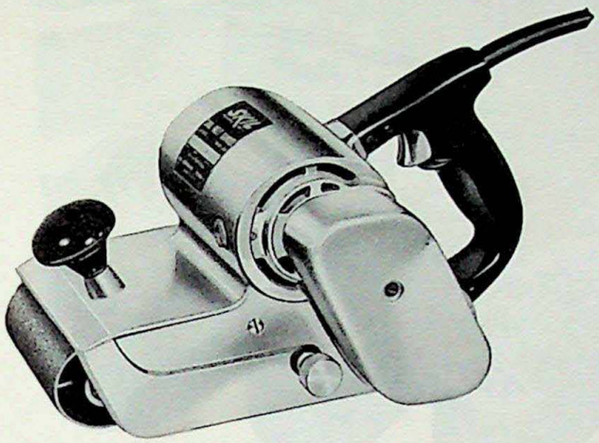
vacuum system: Model 449 only has centrifugal fans mounted on armature shaft.

model no.	belt size, inches	sanding pad size, in.	speed, no-load ft. per min.	amp. rating at 115v	length overall, inches	width overall, inches	net weight, lbs.	shpg. weight, lbs.
505	2¼ x 21⅝	2¼ x 4½	1000	6	12	3	10½	13
448	3 x 23¾	3 x 6	1500	10	15¼	4	15	18
449	3 x 23¾	3 x 6	1300	10	15¼*	4	15¼	18

*length of machine less dust bag.

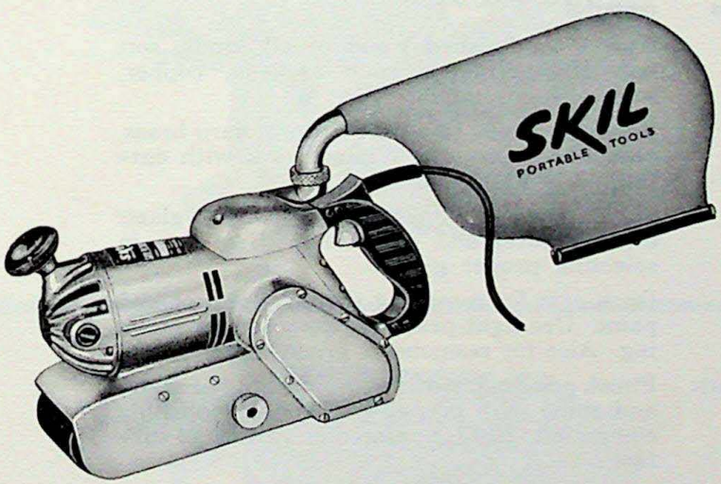
BELT SANDERS

TWO-SPEED BELT SANDER FOR ROUGH AND FINE SANDING JOBS



4" MODEL 805 (heavy duty)

For rough and fine sanding jobs, this new 4" Sander has two speeds to handle both jobs. Switch to the high 1100 f.p.m. speed for fast stock removal; turn on the slow 800 f.p.m. speed for finishing work or removing old paint and varnish. Ideal for intermittent use in construction, maintenance or home workshops. Flush design permits sanding up to vertical surfaces. Simple locking device makes belt change-over easy. *Specify voltage.*



4½" MODEL 323 (heavy duty) without vacuum dust collector

Design, construction, enginering features and performance make this model suitable for constant use on a wide variety of wood, composition and metal sanding jobs. Where heavy sanding must be fast and uniform, the utmost in sanding production is assured by this model. *Specify voltage.*

4½" MODEL 324 (heavy duty) with vacuum dust collector

Has all the features of Model 323, plus a centrifugal fan, gear driven from the motor, with intake to pick up dust and reduce belt loading. Perfect for fast interior refinishing or remodeling—anywhere dust is objectionable. *Specify voltage.*

COMPARATIVE SPECIFICATIONS

equipment: 3-wire cord and connector; medium grit sanding belt; lubricant; visible oil level indicator except Model 805. Model 324 has heavy fabric dust bag with positive slide closure.

general specifications:

motors: Universal, D.C. or A.C. up to 60 cycles.

voltages: Standard, 115. Furnished on order for 220 and odd voltages at no extra cost.

switches: Enclosed double pole, momentary contact trigger switches; Model 805 has locking pin.

belt adjustments: Automatic tensioner; easily released for belt change. Convenient adjusting knob centers belt on pulleys.

flush side: Permits sanding close to upright objects.

vacuum systems: Model 324 only has centrifugal fans gear driven by motor.

bearings: All ball bearing construction, except Model 805 which has ball and sleeve bearings.

model no.	belt size, inches	sanding pad size, in.	amp. rating at 115V	speed, no-load ft. per min.	length overall, inches	width overall, inches	net weight lbs.	shpg. weight lbs.
805	4 x 21¾	4 x 4½	7 (high) 6 (low)	1100 (high) 800 (low)	12½	6½	12¾	16
323	4½ x 26	4½ x 6¾	10	1500	15¾	6⅛	23	29
324	4½ x 26	4½ x 6¾	10	1300	15¾ *	6⅛	25	29

BELT SANDER ACCESSORIES

SKIL SANDER BELTS
(packaged 10 belts to a carton)

With sharpest edges at the cutting surface, belts are precisely cut, bonded and gauged for exact fit. Types A, B and D are aluminum oxide; type C, silicon carbide.

nominal dimensions		2¼ x 21⅜₁₆"	3" x 23¾"	4" x 21¾"	4½" x 26"
for models		325, JY	448, 449, 9, ZP	805	323, 324 AR, BR A, B
type	grit	part no.	part no.	part no.	part no.
A	3	7801	7829	....	7870
A	2½	7802	7830	18842	7871
A	2	7803	7831	....	7872
A	1½	7804	7832	18843	7873
A	1	7805	7833	18844	7874
A	½	7806	7834	18845	7875
A	1/0	7807	7835	19641	7876
A	2/0	7808	7836	18846	7877
A	3/0	7809	7837	19642	7878
B	24	7810	7838	....	7879
B	36	7812	7840	....	7881
B	50	7814	7842	....	7883
B	60	7815	7843	....	7884
B	80	7816	7844	....	7885
B	120	7818	7846	....	7887
B	180	7820	7848	....	7889
B	320	7822	7850	....	7891
C	24	....	7851	....	7892
C	40	....	7854	....	7895
C	80	....	7857	....	7898
C	120	....	7859	....	7900
C	320	....	7863	....	7904
D	3	7823	7864	....	7905
D	2½	7824	7865	18847	7906
D	2	7825	7866	....	7907
D	1½	7826	7867	18848	7908
D	1	7827	7868	....	7909
D	½	7828	7869	....	7910
fabric belts		5050	3324	....	926

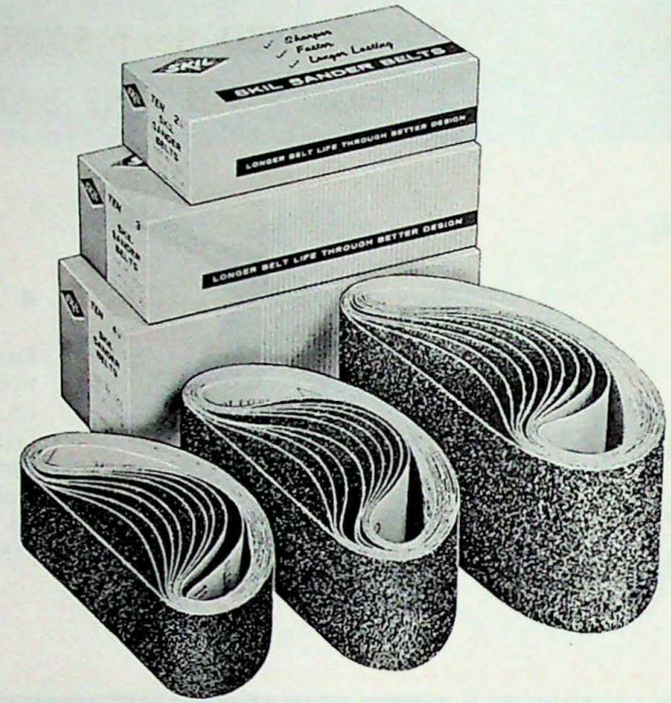
COMPARATIVE GRIT TABLE

class of grit	wood finishing grit size	metal finishing grit size	stone finishing grit size
Coarse Grit	3	24	24
	2½	30	30
	2	36	36
			40
Medium Grit	1½	40	50
	1	50	60
	½	60	80
			100
Fine Grit		80	
		100	120
	1/0	120	180
	2/0	180	220
	3/0	220	320
		320	

NO. 7480 BENCH STAND

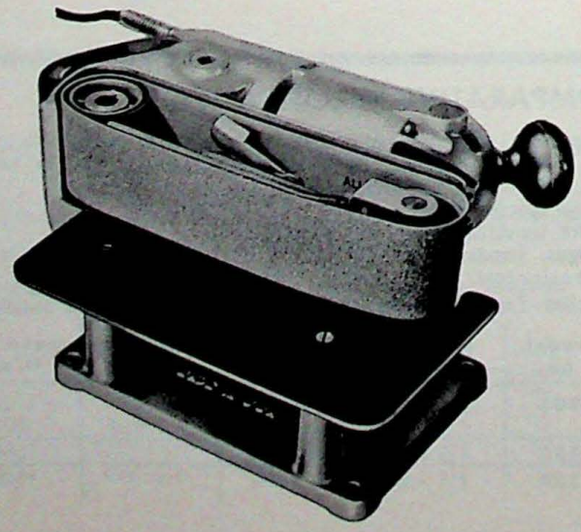
For use with Model 505 2¼" Belt Sander in precision sanding of board edges, cabinet work and delicate craft jobs. Particularly useful in sanding small pieces which must be held in both hands. Used for both flat and contour sanding. Sander is quickly slipped into place without clamps or bolts, yet is rigidly held in position. Complete with trigger holddown lock.

Net weight: 6¼ lbs. Shipping weight: 7¾ lbs.

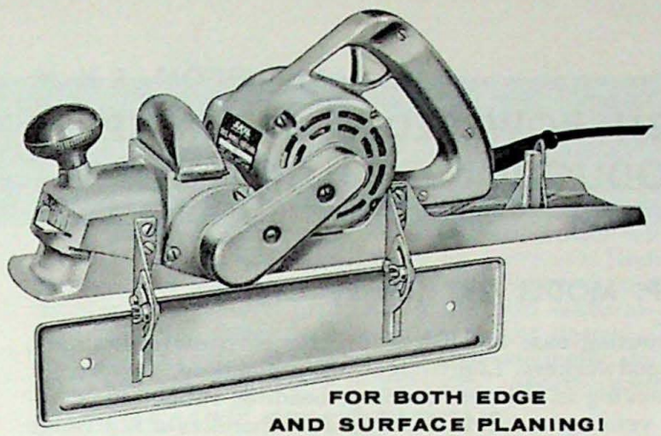


FINISHING RECOMMENDATIONS

belt type	material
A	New or unfinished wood of all kinds, soft non-ferrous metals such as lead, copper, solder, aluminum.
B	Ferrous metals; also hard bronze, hard brass, hard aluminum, etc. Wiping work with cutting oil is often helpful.
C	Slate, marble, limestone, concrete, glass; other natural and cast stone. Use care in selecting proper grit.
D	Open coat for removing varnish, lacquer and paint. Use light pressure, keep sander moving. Also for resinous or green wood.
Fabric	Finish grinding, rubbing or polishing of metal and stone with proper grinding or polishing compound. Not for painted or varnished surfaces.



SKIL PLANE



FOR BOTH EDGE AND SURFACE PLANING!

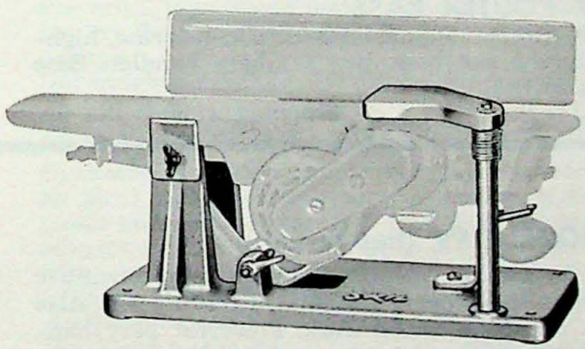
3" COMBINATION MODEL 100

Here's high-speed edge and surface planing for carpenters, builders, pattern shops, cabinet workers, woodworking industries, shipyards and industrial maintenance. Ideal for fitting doors, windows, storm sashes, screens. Has full 90° bevel adjustment (45° left or right), 0 to ⅛" depth adjustment (1/64" settings with "click" stops). Tooth-belt drive needs no lubrication...eliminates costly chain or gear failures! Reversible sawdust deflector. And *only* the SKIL Plane has "center-line" balance for superb handling, far better visibility and control than other makes. *Specify voltage.*

SPECIFICATIONS

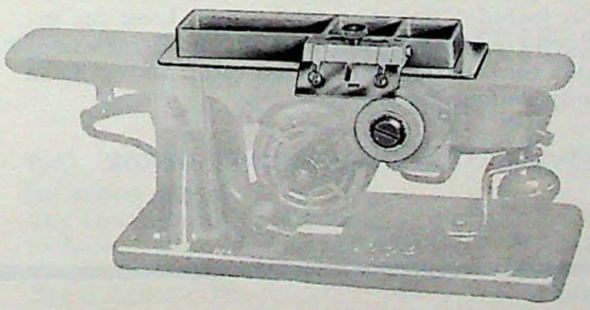
equipment: Pair of blades, hex locking key, special wide-funnel chip deflector, blade honing bracket, blade adjusting gauge, bevel gauge, 3-wire cord and connector.
general specifications:
motor: Universal, D.C. or A.C. up to 60 cycles.
voltages: Standard, 115; furnished on order for 220 and odd voltages no extra cost.
switch: Enclosed, momentary-contact trigger type.
chip deflector: Reversible for exhaust to right or left.
bearings: All ball bearing construction.

model no.	width of cut inches	depth of cut, inches	no-load speed, cutter head, r.p.m.	amp. rating at 115V	length overall inches	net weight, lbs.	shpg. weight, lbs.
100	3	0—⅛	13,500	5.5	17½	10½	15



NO. 10750 JOINTER-PLANER STAND

Converts SKIL Plane into a bench jointer-planer in seconds! For fine finish work on cabinets, small piece work... for accurate joining, bevel edges. Of heavy cast iron with drilled base for permanent mounting. Has positive-acting spring guard for complete protection. Switch rod and lever permit convenient starts and stops of plane's motor. *(No. 10750 Stand only fits Model 100 Planes of Serial No. A-967366 and above, and Model 190 Planes of Serial No. A-732710 and above.)*



NO. 10900 BLADE SHARPENING KIT

Easily and quickly grinds out nicks, restores keen edge to plane's cutters. Has V-ways that assure perfect alignment of blade with grinding wheel. No. 10750 Stand (above) provides an ideal mount for this kit. Or, use simple plans included with each kit for making a wood stand. Kit includes blade holder assembly, grinding wheel, wheel arbor, dressing stone and complete instructions.

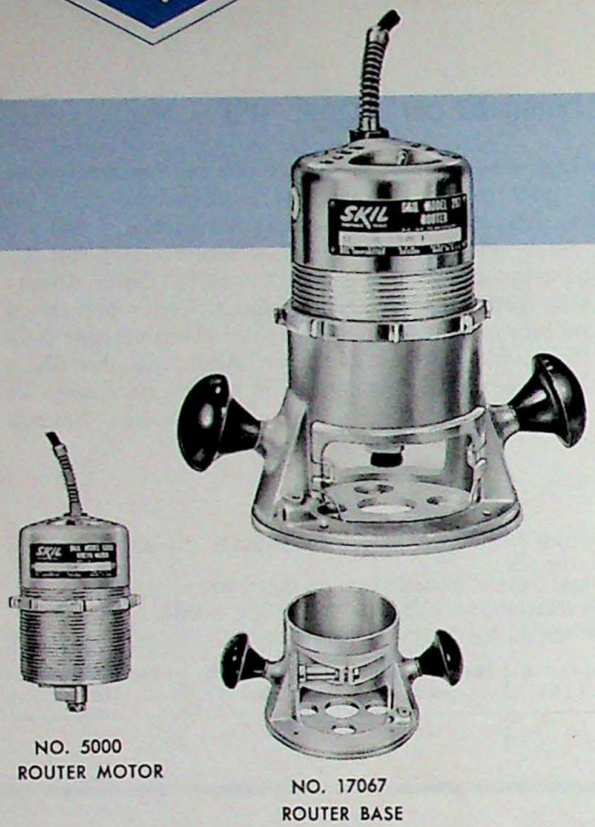
PLANE ACCESSORIES

No. 10623—Replacement grinding wheel.
No. 11628—Replacement blades, pair, steel
No. 6679—Carrying case for SKIL Plane.
No. 10625—Drive belt for SKIL Plane.

Replacement blades, pair, carbide tipped (for use on extremely hard or abrasive non-metallic materials, not stocked at factory; contact your local SKIL branch office for specifications and price).

SKIL ROUTERS

HIGH POWERED MOTORS SPEED PRODUCTION ROUTING JOBS



NO. 5000 ROUTER MOTOR

NO. 17067 ROUTER BASE

¾ H.P. MODEL 297 (heavy-duty)

New routing ease and versatility for carpenters, builders, and woodworkers. Lightweight, easy handling, powerful... for grooving in shelves, dadoing, beading, rabbeting, mortising, veining and cove-cutting. Also handles a big range of decorative cuts. Full ¾ horsepower maintains top bit speed for faster, smoother, more accurate work. Brings new speed and simplicity to door and jamb mortising when used with Hinge-Butt-Template Kit (see page 22). An unbeatable value for faultless performance and trouble-free service at minimum cost. Available as complete router, or motor unit (No. 5000) and base (No. 17067) can be purchased separately. *Specify voltage.*

NO. 5000 ROUTER MOTOR

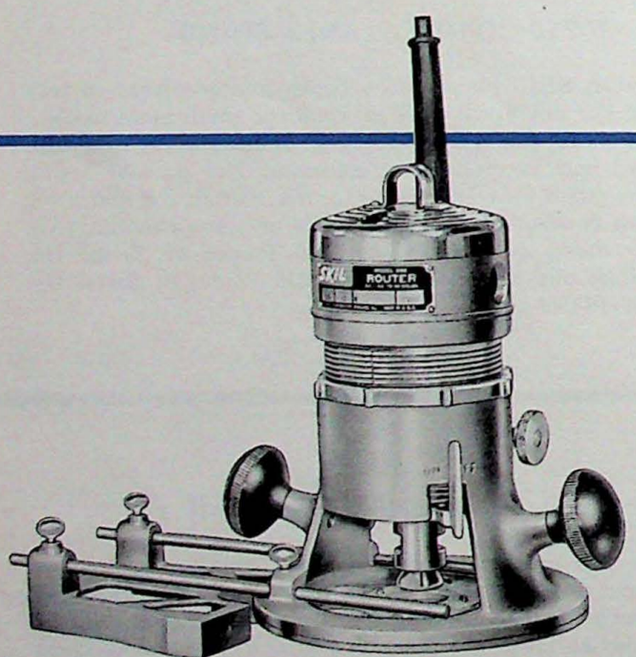
Powerful, high-speed motor provides the basic power unit for grinding, sharpening and plane attachments. *Specify voltage.*

Net weight: 5 lbs. Shipping weight: 6¼ lbs.

NO. 17067 ROUTER BASE

For Model 297 Router. Equipped with non-marring, high-impact polystyrene sub-base, two auxiliary handles. Base diameter, 5⅝ inches.

Net weight: 1¼ lbs. Shipping weight: 2¼ lbs.



1¾ H.P. MODEL 299 (heavy-duty)

Widely used by cabinet shops, shipyards, and furniture manufacturers to speed every production routing job. Also ideal for sink and counter top work. Powerful, easy-handling Model 299 features high bit speed (23,000 r.p.m.) for super-smooth cuts. Scientifically located handles allow easy control, precision cutting. Die-cast aluminum alloy housing gives light weight with great strength. Exclusive SKIL features include "thumb-reach" switch lever for instant power control, simple adjusting ring that maintains accurate depth control, accurate gauge block for uniform cutting. *Specify voltage.*

COMPARATIVE SPECIFICATIONS

equipment: 3-wire cord and connector, necessary collet wrenches. Model 297 includes No. 5000 motor unit, No. 17067 base and one ¼" collet. Model 299 includes gauge block and one each ¼" and ½" collets.

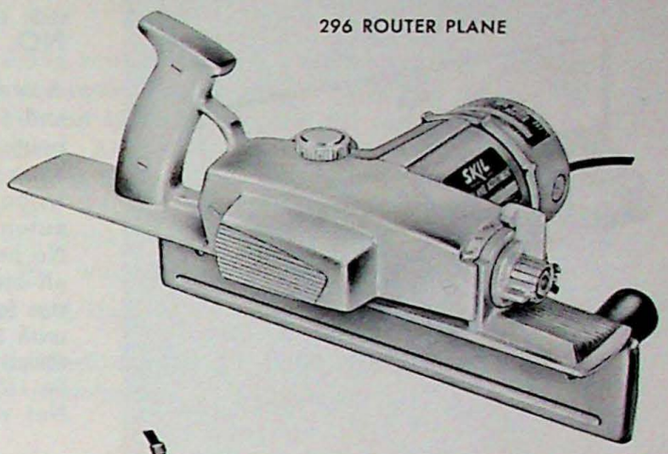
general specifications:
motors: Universal, D.C. or A.C. up to 60 cycles.
voltages: Standard, 115; furnished on order for 220 and odd voltages at no extra cost.
bearings: All precision ball types.
switches: Recessed single-pole on Model 297; double-pole toggle with "thumb-reach" lever on Model 299.
sub-bases: Non-marring, high-impact polystyrene on Model 297; non-marring, chrome-plated steel on Model 299.

model no.	capacity, h.p.	no-load speed, r.p.m.	amp. rating at 115V	base plate dia., inches	overall height, inches	net weight, lbs.	shpg. weight, lbs.
297	¾	23,000	6.5	5⅜	6½	5¾	8
299	1¾	23,000	12	8	10	12¾	19

ROUTER PLANE

¾ H.P. MODEL 296

New SKIL Plane provides fast, accurate edging on all types of cabinet work, sizing of doors, screen, window and storm sashes. Bevel adjustments from minus 15° to plus 45°. Convenient depth adjustment is controlled within easy reach of thumb—even while plane is in operation. Has micrometer adjustment for leveling plane cutter with rear shoe assuring straight, level work on every cut. High speed motor gives smooth edges even on plywood and other splinter-prone materials. This plane also features extra-long 16" shoe, chip deflector, lightweight design. Can be purchased as complete plane or as separate motor unit. (No. 5000) and No. 3650 plane attachment. *Specify voltage.*



296 ROUTER PLANE

COMPARATIVE SPECIFICATIONS

equipment: No. 5000 Router motor, No. 3650 Plane attachment with spindle, No. 20717 spiral plane cutter, wrenches, 3-wire cord and connector.
general specifications:
motor: Universal, D. C. or A. C. up to 60 cycles.
voltage: Standard, 115; furnished on order for 220 and odd at no extra cost.
bearings: All ball-bearing construction.
switch: Recessed single-pole toggle switch.

model no.	max. depth of cut, inches	max. width of cut, inches	no-load capacity, h.p.	no-load speed, r.p.m.	amp rating at 115v	net weight, lbs.	shpg. weight, lbs.
296	⅛	2⅜	¾	23,000	6.5	9½	11

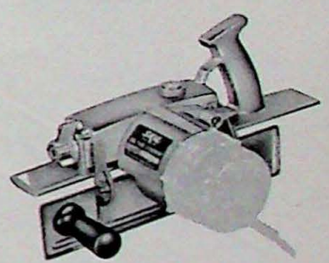
NO. 5000 ROUTER MOTOR

Powerful, high-speed motor provides the basic power unit for grinding, sharpening and plane attachments. *Specify voltage.*
Net weight: 5 lbs. Shipping weight: 6¼ lbs.

ROUTER MOTOR

NO. 3650 PLANE ATTACHMENT

Used with No. 5000 Router motor, this low-cost plane makes an ideal accessory unit for carpenters, builders, maintenance and cabinet workers. Has accurate depth and bevel adjustments to handle all types of edging work. Equipped with chip deflector, extra-long 16" shoe and micrometer adjustment for leveling spiral cutter with rear shoe. Includes spindle and No. 20717 spiral cutter.
Net weight: 4½ lbs. Shipping weight: 6 lbs.



PLANE ATTACHMENT

ACCESSORIES

NO. 20750 SHARPENING ATTACHMENT

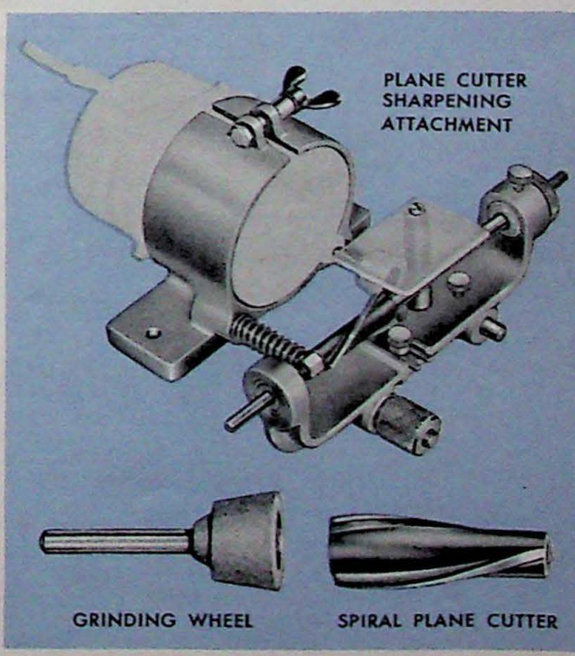
for plane cutters

For fast, accurate sharpening of plane spiral cutter. Sharpening kit includes motor holding assembly, No. 20595 grinding wheel, guide assembly and plastic eye-shield.
Net weight: 3 lbs. Shipping weight: 4½ lbs.

No. 20595—Replacement grinding wheel for No. 20750 Sharpening Attachment.

NO. 20717 SPIRAL PLANE CUTTER

With precision-ground edges, this plane cutter gives a smooth, splinter-free surface up to 2⅜" wide. Has 5/16" center hole.

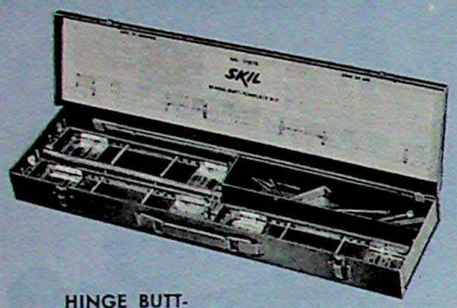


PLANE CUTTER SHARPENING ATTACHMENT

GRINDING WHEEL

SPIRAL PLANE CUTTER

ROUTER ACCESSORIES



HINGE BUTT-TEMPLATE KIT

NO. 17070 HINGE-BUTT-TEMPLATE KIT

A real worksaver for mortising hinge butts on 6/8 or 7/0 wood doors and jambs with 7-11" hinge placement. Simple to adjust for door height and hinge size. Eliminates measuring, calculating and layout work! And template may be moved from door directly to the jamb without changing settings or inverting. Exclusive "retracto" pins automatically locate template for either 1⅜" or 1¾" door thicknesses. No need to nail temporary door stops. Of top quality, nickel-plated, all-steel construction. Packed in handy steel carrying case. Will mortise for 2½" to 5½" hinges when used with 297 Router. *May be used with 299 Router for hinge sizes up to, and including, 3½".*

equipment: Three templates with connecting rods, nail puller, extra nails, carrying case, No. 17088 Surfacing Bit, No. 17089 Template Guide, and No. 17831 Corner Chisel.

Net weight: 9¼ lbs. Shipping weight: 10¾ lbs.

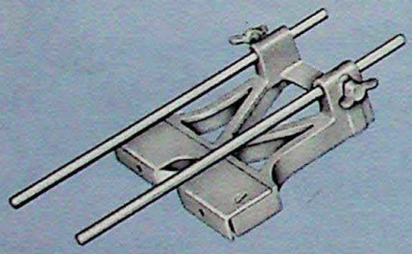
CORNER CHISEL

NO. 17831 CORNER CHISEL

For squaring mortises when installing square-cornered hinges. Of simple, *one-piece* design . . . easy-to-use, accurate! Furnished with No. 17070 Kit (above).

NO. 16890 GAUGE BLOCK

A combination straight and circular edge guide for Model 297 Router.

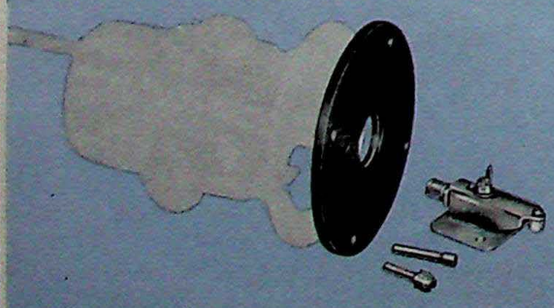


GAUGE BLOCK

VENEER TRIMMING ATTACHMENT
see components below

For production shops or on-the-job use, SKIL Routers when equipped with this new veneer trimming attachment offer the ideal way to trim wood veneers and decorative plastic laminates. Gives a clean, even edge quickly and accurately. Adjustable for both flush and bevel cutting. Both operations are performed with one bit! For flush cutting, bit is centered exactly with guide wheel by using set-up pin. For bevel cutting, micrometer-type adjustment permits accurate alignment. Positive-locking, vibration-proof controls maintain accuracy throughout the cut. Replaceable, non-marking nylon guide roller wheel. High-impact, non-marring sub-bases are pre-drilled to receive guide assembly. Order components separately as follows: No. 19200 Guide Assembly, No. 19627 Carbide-tipped Bit, No. 19628 Sub-base (for Model 297 and 530 Routers) or No. 19901 Sub-base (for Model 299 Router).

VENEER TRIMMING ATTACHMENT



NO. 19200 VENEER TRIMMING GUIDE

Attaches to sub-base for veneer trimming applications. Includes set-up pin.

NO. 19627 CARBIDE-TIPPED BIT

Precision-ground, combination bit for both flush and bevel cutting of wood veneers, plastics and decorative laminates.

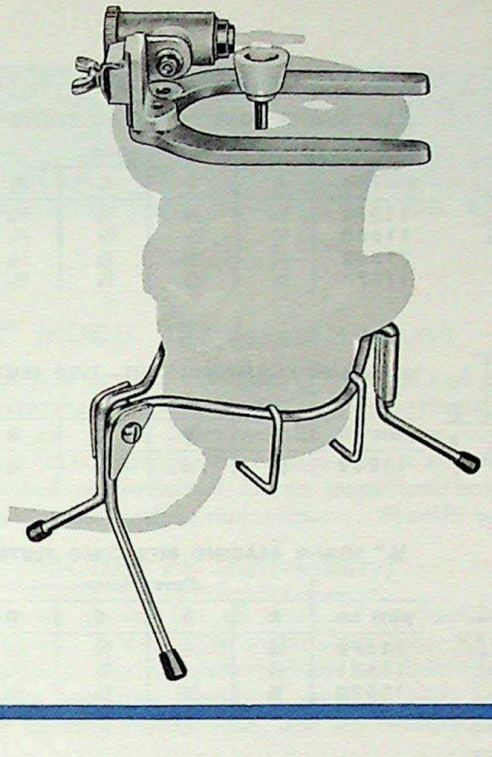
NO. 19628 SUB-BASE

For Model 297 and 530 Routers. Has high impact, non-marring surface with pre-drilled holes for easy assembly.

NO. 19901 SUB-BASE

For Model 299 Router. Has high-impact, non-marring surface with pre-drilled holes for easy assembly.

ROUTER ACCESSORIES



NO. 19250 SHARPENING ATTACHMENT

for Router Bits

For sharpening router bits and shaping cutters. Universal stand will accommodate Models 297, 530 and 299 Routers. Sharpens ¼" and ½" shank router bits and 5/16" center hole shaping cutters. Adjustable for one, two and three cutting edges. Complete kit includes grinding fixture, adaptor for ¼" shank bits, adaptor for 5/16" shaping cutters, universal stand and No. 20199 grinding wheel. Size of grinding fixture: 6 5/8" long; 3¾" wide; 2¼" high.

Net weight: 2¼ lbs. Shipping weight: 3 lbs.

No. 20199—Replacement Grinding Wheel for No. 19250 Sharpening Attachment

COLLETS and TEMPLATE GUIDES

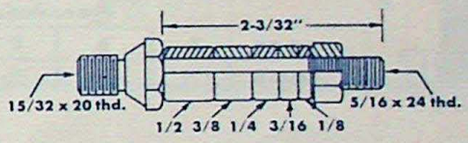
COLLETS

part no.	for bit shank size	for router model no.
10510	¼"	299*
10511	5/16"	299
10512	⅜"	299
10513	½"	299*
17056	¼"	297*

*Included as standard equipment with tool.

COLLET ADAPTERS

part no.	for collet size	for bit shank size	overall length
11581	¼"	1/16"	1"
11582	¼"	3/32"	1"
11583	¼"	⅛"	1"
11584	¼"	3/16"	1"
10557	5/16"	¼"	1"
10558	½"	5/16"	1"

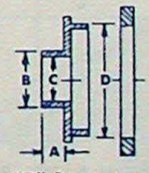


NO. 18892 ARBOR ASSEMBLY

Complete with five spacer collars with dimensions shown. Has 5/16" diameter; for use with Model 297 Router.

TEMPLATE GUIDES

"D" Dimension: 1 3/16—24 Thread



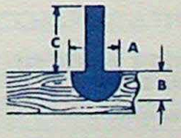
"D" Dimension: 1 3/16—24 Thread

part no.	dimensions A	B	C
11591	⅜	⅜	19/64
11592	3/16	7/16	23/64
11593	⅜	½	27/64
11590	7/16	¾	43/64
11589	13/32	1	51/64
11588	⅜	1¼	1 3/64
17089*	⅝	21/32	9/16
11587	Lock nut for template guides.		

*For hinge-butt mortising; all other guides for general routing.

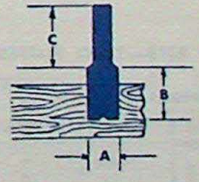
SKIL ROUTER BITS

¼" SHANK CORE BOX BITS—TWO FLUTES



part no.	dimensions A	B	C
11556	¼	5/16	¾
11557	⅜	5/16	⅞
11555	½	⅜	⅞
11554	⅝	5/16	⅞
11551	¾	11/16	⅞

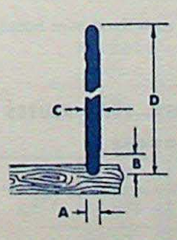
¼" SHANK STRAIGHT BITS—TWO FLUTES



part no.	dimensions A	B	C
11564	¼	11/16	15/16
11567	5/16	11/16	15/16
11568	⅜	11/16	15/16
11565	7/16	11/16	15/16
11566	½	11/16	15/16
19121	⅝	⅝	1
19122	¾	⅝	1
19123*	¼	1⅛	1 3/16

*Extra long

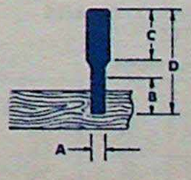
DOUBLE-END VEINING BITS—SINGLE FLUTE



part no.	dimensions A	B	C	D
19139	1/16	⅛	⅛	1½
19140	3/32	3/16	⅛	1 9/16
19141	⅛	5/16	3/16	2

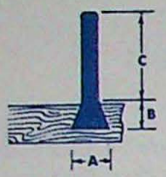
NOTE: Use collet adapters with above bits.

¼" SHANK STRAIGHT BITS—SINGLE FLUTE



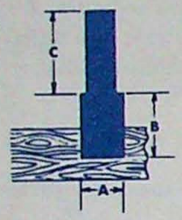
part no.	dimensions A	B	C	D
19124	1/16	3/16	1	1½
19125	⅛	⅜	1	1 9/16
19126	3/16	7/16	1	1⅝

SKIL ROUTER BITS (continued)



¼" SHANK DOVETAIL BITS—TWO FLUTES

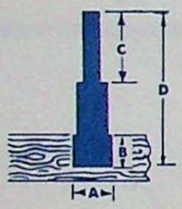
part no.	dimensions A	B	C
19133	9/32	3/8	1 1/4
19134	9/16	17/32	1 3/32



½" SHANK STRAIGHT BITS—TWO FLUTES (FOR MODEL 299 ROUTER ONLY)

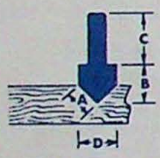
part no.	dimensions A	B	C
19127	½	1 1/8	1 7/16
11563	5/8	1 1/8	1 7/16
11562	3/4	1 1/8	1 7/16
11561	7/8	1 1/8	1 7/16
11569	1	1 1/8	1 7/16
19128*	½	1 7/8	2 1/8

*Extra long



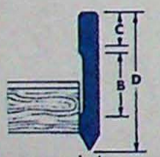
¼" SHANK SURFACING BIT—TWO FLUTES

part no.	dimensions A	B	C	D
17088	½	13/32	15/16	2 1/16



¼" SHANK "V" GROOVING BITS —TWO FLUTES

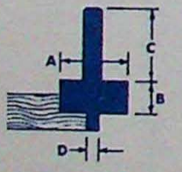
part no.	dimensions A	B	C	D
19129	3/8	9/16	1	17/32
19130	7/8	13/16	1	1 15/64



¼" SHANK COMBINATION PANEL BIT SINGLE FLUTE

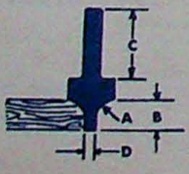
part no.	dimensions A	B	C	D
19142	¼	¾	1 5/16	2 5/8

NOTE: Combination Panel Bits drill their own holes.



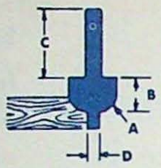
¼" SHANK RABBETING BITS—TWO FLUTES

part no.	dimensions A	B	C	D	width of rabbet
19131	1 1/16	7/16	1	3/16	¼
19132	1 5/16	½	1	3/16	3/8



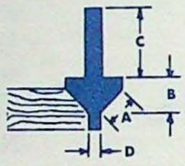
¼" SHANK ROUNDING-OVER BITS TWO FLUTES

part no.	dimensions A	B	C	D
11560	¼	17/32	7/8	3/16
11559	3/8	25/32	7/8	3/16
11558	½	25/32	7/8	3/16



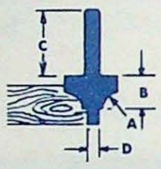
¼" SHANK COVE BITS—TWO FLUTES

part no.	dimensions A	B	C	D
11553	3/16	7/16	7/8	3/16
11550	¼	9/16	7/8	3/16
11552	3/8	13/16	7/8	3/16
11573	½	¾	7/8	3/16



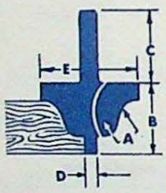
¼" SHANK CHAMFERING BIT—TWO FLUTES

part no.	dimensions A	B	C	D
11839	½	5/8	7/8	3/16



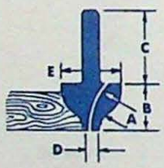
¼" SHANK BEADING BITS—TWO FLUTES

part no.	dimensions A	B	C	D
11572	1/8	1/8	7/8	3/16
11571	¼	9/16	7/8	3/16
11570	3/8	¾	7/8	3/16



¼" SHANK ROMAN OGEE BITS—TWO FLUTES

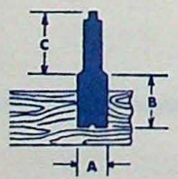
part no.	dimensions A	B	C	D	E
19135	5/32	½	1	3/16	31/32
19136	¼	¾	1	3/16	1 2/16



¼" SHANK OGEE BITS—TWO FLUTES

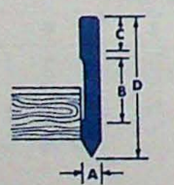
part no.	dimensions A	B	C	D	E
19137	3/16	5/8	1	3/16	13/16
19138	5/32	29/32	1	3/16	1 3/16

SKIL CARBIDE-TIPPED BITS



¼" SHANK STRAIGHT BITS—TWO FLUTES

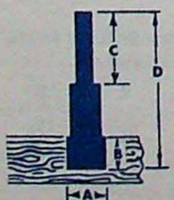
part no.	dimensions A	B	C
19143	¼	5/8	1
19144	3/8	7/8	1
19145	½	¾	1



¼" SHANK COMBINATION PANEL BIT SINGLE FLUTE

part no.	dimensions A	B	C
19146	¼	1 1/16	1 5/16

NOTE: Combination Panel Bits drill their own holes.



¼" SHANK SURFACING BIT—TWO FLUTES

part no.	dimensions A	B	C	D
19147	½	5/16	1 3/16	1 13/16

SKIL DRILLS

A COMPLETE RANGE OF MODELS . . . FOR THE DRILL THAT'S EXACTLY RIGHT FOR YOUR JOB!

¼" MODEL 138 (standard-duty)

Put this new, powerful drill to work and get more drilling performance for your money. Amazingly easy to handle because of its light weight. Features pistol-grip design. Has ball-bearings on armature shaft and chuck spindle for rugged performance. Large inspection cover is easily removed for routine maintenance. *Specify voltage.*

¼" MODEL 75 (heavy-duty)

Greater power for all types of production work and for constant, heavy duty installation jobs. Sturdily built with precision gears, 3 heavy-duty ball bearings and 3 needle-roller bearings. Standard speed of 1800 r.p.m. is excellent for general utility jobs. *Specify voltage and speed.*

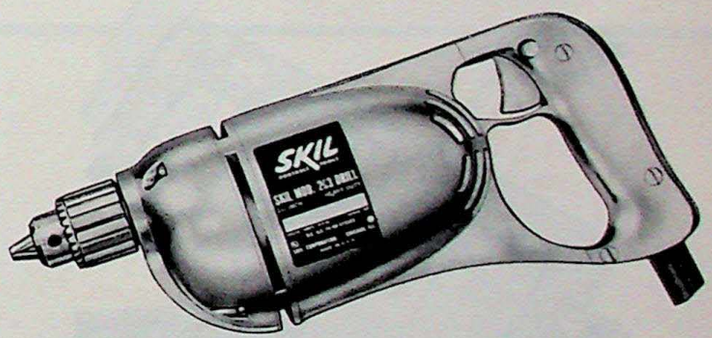
ORDER TWO-
ACCT. 3343

¼" MODEL 243 (heavy-duty)

Powered and geared for continuous heavy duty drilling on production lines...or for constant use in maintenance and repair work. Gives peak performance where lower quality tools might overload. Drills up to ¼" in steel, ½" in hard woods. *Specify voltage.*

5/16" MODEL 253 (heavy-duty)

Equipped with oversized motor that supplies extra power for constant production work. Has compact, lightweight design that makes it ideal for day-long use. Quality built throughout. *Specify voltage.*



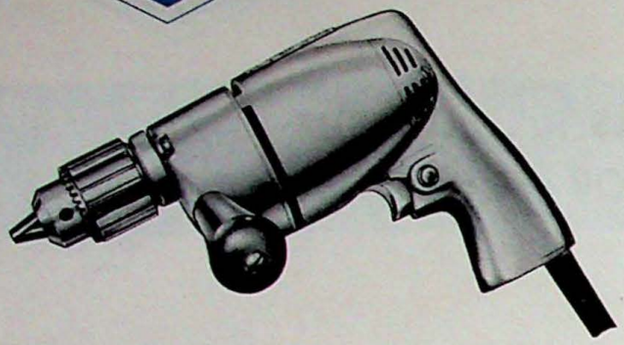
COMPARATIVE SPECIFICATIONS

equipment, all models: Geared chuck with key, holder or clip, clip supplied with models 75, 243, 253 only; 3-wire cord and connector.
general specifications:
motors: Universal, D.C. or A.C. up to 60 cycles.
voltages: Standard 115; furnished on order for 220 and odd voltages at no extra cost.
switches: Enclosed double pole, momentary contact trigger switches.
bearings: Models 75, 243 and 253 have ball and needle-roller bearings and Model 138 has ball and sleeve bearings.

model no.	duty rating	cap. in steel, inches	std. speed no-load r.p.m.	optional speeds: no extra cost r.p.m.	optional speeds: extra cost r.p.m.	full load speed, r.p.m.	amp rating at 115v	length overall, inches	net weight, lbs.	shpg. weight, lbs.
138	standard	¼	1800	—	—	1080	2.5	7¼	3¾	4½
75*	heavy	¼	1800	2500, 3500, 5000	500, 750, 1000	1100	3	7¼	3¼	5
243*	heavy	¼	2000	—	—	1200	4	11⅞	5¾	8
253*	heavy	5/16	1500	—	1000	900	4	11⅞	6½	8

*Available with keyless chuck at extra cost.

SKIL DRILLS



⅜" MODEL 78 (standard-duty)

Lightweight and compact, it can't be beat for general-purpose drilling in steel up to ⅜", boring in wood up to ⅞". Model 78 has the extra chuck capacity so often wanted in a smaller drill. Produces high torque at 750 r.p.m. for tough drilling jobs. Auxiliary side handle is removable. Quality built with 5 ball and 3 needle roller bearings, hardened precision-cut spur type gears. *Specify voltage.*

New!

½" MODEL 263 (heavy-duty)

A new, compact ½" drill that has the power to handle big drilling jobs. Can be used with right angle attachment and special self-feeding bits (see page 28) for boring large holes. Has quality construction with ball and needle roller bearings. *Specify voltage.*

NEW, POWERFUL SKIL ½" RIGHT ANGLE DRILL HANDLES ANY DRILLING JOB

New!

½" MODEL 268 (heavy-duty)

Here's a drill that can do everything. For straight-line or right angle drilling, this powerful, new SKIL Drill gives you the right combination of power and speed. With the right angle drill attachment, it drills holes up to 2 9/16" with special self-feeding bits (see page 28). Ideal for carpenters, plumbers and electricians for accurate drilling between joists, studding or in other tight locations. Has ball and needle roller bearing construction for rugged performance. Equipped with auxiliary handle that can be attached to drill or right angle attachment. Includes carrying case and 2 9/16" bit. *Specify voltage.*

COMPARATIVE SPECIFICATIONS

equipment, all models: Geared chuck with key and key holder; carrying case; removable auxiliary side handle; 3-wire cord and connector.

general specifications:

motors: Universal, D.C. or A.C. up to 60 cycles.

voltages: Standard 115; furnished on order for 220 and odd voltages at no extra cost.

switches: Enclosed double pole, momentary contact trigger switches.

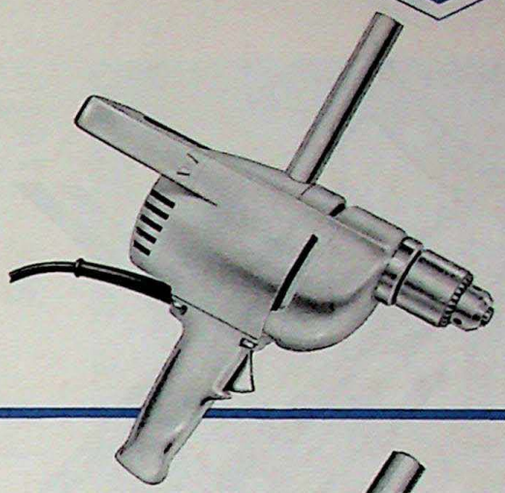
bearings: All ball and needle roller.

model number	duty rating	cap. in steel, inches	std. speed no-load r.p.m.	full load speed r.p.m.	amp. rating at 115V	length overall, inches	net wt., lbs.	shipping weight, lbs.
78	standard	⅜	750	450	3	8¼	4¼	6
263	heavy	½	600	360	5	13½	8¼	12
268	heavy	½	400 low 900 high	240 540	5	16¼	10½	16½

SKIL DRILLS

½" MODEL 80 (standard-duty)
½" MODEL 290, reversing

New, compact streamlined design now offers users even easier handling and better control than ever before! Rear handle is removable for drilling in cramped areas (between studding, etc.). A new power unit plus improved helical gears equip Model 80 for really fast drilling on tough jobs. Quality construction includes 3 ball and 3 needle-roller bearings for smooth, quiet operation and long tool life. Has detachable pipe handle. *Specify voltage.*

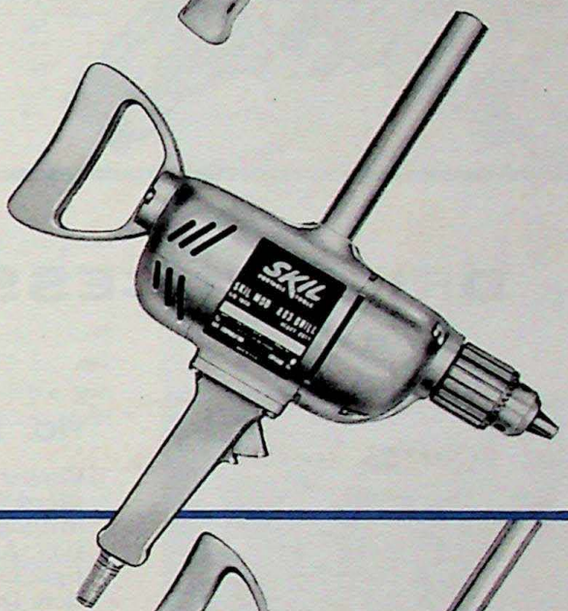


½" MODEL 283 (heavy-duty)
½" MODEL 351, reversing

Handles all heavy-duty drilling up to ½" in steel, 1½" in hardwood. Extremely compact and easy to handle in any position. Preferred by boiler shops, truck body builders, builders, railroads, machine shops and other heavy industries. Quality built for long service. *Specify voltage.*

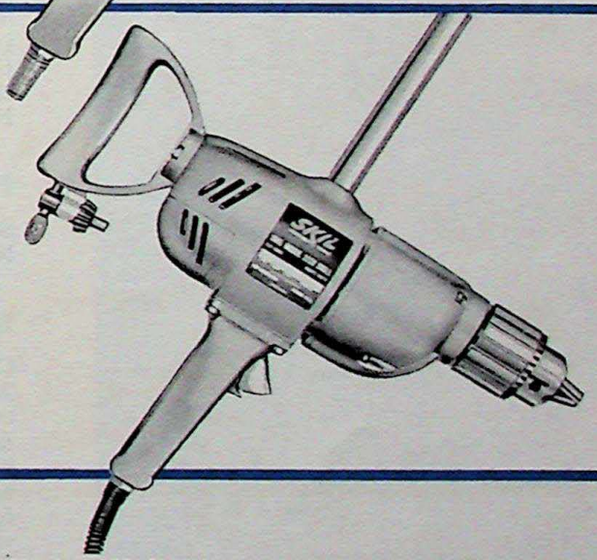
⅝" MODEL 2103 (heavy-duty)
⅝" MODEL 572, reversing

A real "brute," this drill handles all tough drilling up to ⅝" in steel and up to 1½" in hardwood. Built for continuous use, it has perfect balance plus scientifically placed handles that provide exceptionally easy control. *Specify voltage.*



¾" MODEL 2123 (heavy-duty)
¾" MODEL 543, reversing

Now, you get unmatched "lightness" with maximum power! That's because Model 2123 has a lightweight, sturdy die-cast aluminum alloy housing. And its tremendous power and rugged construction guarantee top performance on all heavy duty work. Excellent for use with wood augers for deep boring in timbers, as well as with twist drills for steel. Has 4 ball and 4 needle-roller bearings for years of dependable service. *Specify voltage.*



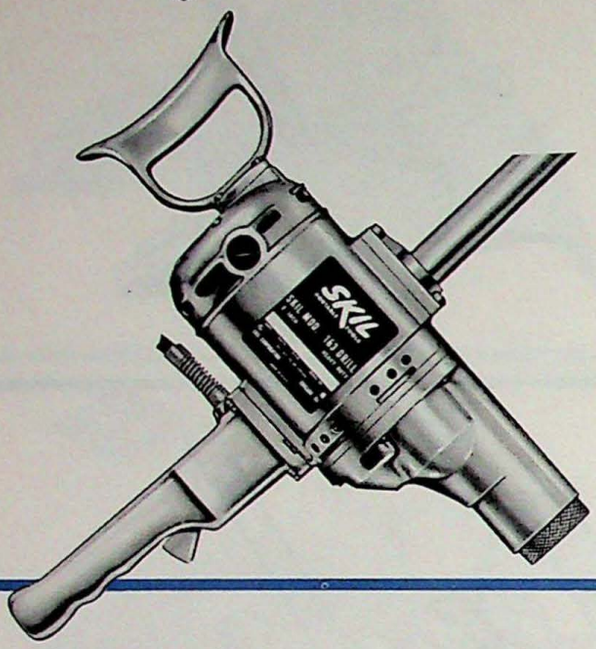
COMPARATIVE SPECIFICATIONS

equipment, all models: Adjustable spade handle, Models 80 and 290 have detachable rear handle; detachable pipe handle; 3-wire cord and connector; geared chuck with key holder.
general specifications:
motors: Universal, D.C. or A.C. up to 60 cycles.
voltages: Standard 115; furnished on order for 220 and odd voltages at no extra cost.
switches: Enclosed double pole, momentary contact trigger switches.
bearings: All ball and needle-roller bearing construction.

model no.	reversing model no.	duty rating	cap. in steel, inches	std. speed no-load r.p.m.	optional speeds: no extra cost r.p.m.	optional speeds: extra cost r.p.m.	full load speed r.p.m.	amp rating at 115v	length overall, inches	net weight, lbs.	shpg. weight, lbs.
80	290	standard	½	450	—	—	275	4.5	12¼	9½	11
283*	351*	heavy	½	550	—	1000	350	6	15	13	15
2103*	572*	heavy	⅝	450	—	1000	275	8	16⅛	14¼	18
2123**	543**	heavy	¾	375	450	1000	225	9	17¾	16¼	19

*Available with No. 2 Morse taper socket in place of geared chuck at no extra cost.
**Available with No. 2 or No. 3 Morse taper socket in place of geared chuck at no extra cost.

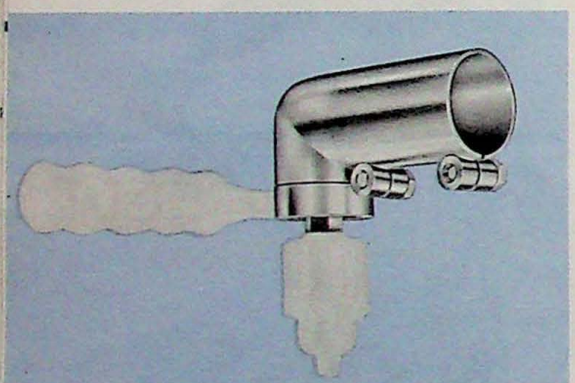
SKIL DRILLS



1″ MODEL 163 (heavy-duty)
1″ MODEL 443, reversing

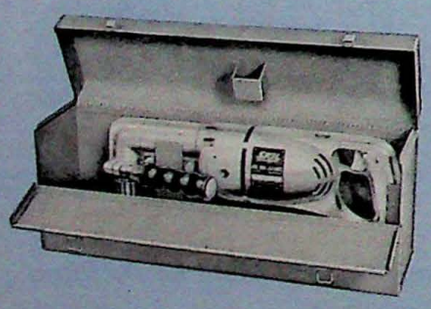
Here's a drill designed for the most severe service. It drills up to 1″ in steel. No. 3 Morse Taper socket is recessed into drill's gear housing to reduce length, provide better balance, increase control. Control is also aided by long switch handle and pipe extension handle. *Specify voltage.*
See specifications on bottom of page 27.

DRILL ACCESSORIES



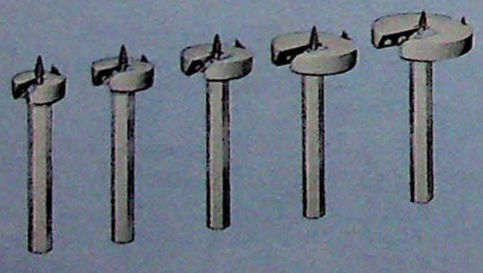
NO. 209 RIGHT ANGLE ATTACHMENT

Converts Model 263 drill to two-speed right angle drill. Low spindle speed for drilling holes 1½″ or larger; high spindle speed for fast drilling of smaller holes. Adjustable full 360°—locks in any position. Angle head and drill chuck require only 5½″ clearance for tight location drilling. Has ball and needle roller bearing construction. Drill chuck not included.
Net Weight: 2 lbs. Shipping Weight: 2¾ lbs.



NO. 20493 CARRYING CASE

Sturdy, all-steel carrying case for No. 268 right angle drill.
Net Weight: 7½ lbs. Shipping Weight: 9 lbs.



NO. 22370 SELF-FEEDING BIT KIT

Complete assortment of five popular size bits (1¼″, 1½″, 1¾″, 2⅛″ and 2⁹⁄₁₆″) for fast drilling of holes for standard size pipe and conduit. Threaded screw feeds cutters into wood—requires no drilling pressure. Ideal for plumbers and electricians working between studding or other tight locations. These low cost bits have replaceable blades, feed screws and perimeter cutters. Designed for right angle drill use, but may be used with other ½″ drills with auxiliary handles for leverage control. Complete kit includes five self-feeding bits, one 12″ extension shank, two replacement perimeter cutters, two replacement feed screws and steel carrying case.

Self-feeding bits and replacement parts may also be purchased individually by the following part numbers:

part no.	description	part no.	description
22364	1¼″ bit	22361	repl. perimeter cutter
22365	1½″ bit	22362	repl. feed screw
22366	1¾″ bit	22374	repl. blade for 1¼″ bit
22367	2⅛″ bit	22375	repl. blade for 1½″ bit
22368	2⁹⁄₁₆″ bit	22376	repl. blade for 1¾″ bit
22369	12″ shank	22377	repl. blade for 2⅛″ bit
		22378	repl. blade for 2⁹⁄₁₆″ bit

DRILL ACCESSORIES

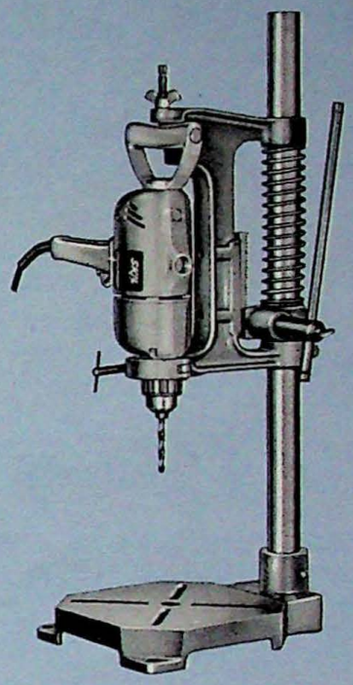
DRILL BENCH STANDS

Quality built, sturdy drill stands quickly convert any SKIL Drill into a stationary drill press. These stands greatly increase accuracy in drilling small parts and are ideal for hole saw work. Rack and pinion gearing produces great feed pressure with little effort. Unusually heavy base and column provide maximum rigidity.

No. 6401—For Models 45, 47, 75, 134, 161 Drills. **No. 6402**—For Models 241, 242, 243, 244, 250, 253, 260. **No. 6403**—For Models 64, 80, 181, 281. **No. 4870**—For Models 123, 163, 332, 443. **No. 9480**—For Models 283, 351. **No. 9490**—For Models, 543, 571, 572, 2101, 2103, 2121, 2123.

SPECIFICATIONS—DRILL STANDS

part numbers:	6401	6402 6403	4870 9480 9490
vertical adjustment of column	14"	14"	16"
maximum travel of drill head	4"	4"	5"
drilling radius from column center	7"	7"	8"
leverage ratio	20:1	20:1	26:1
shipping weight	47	46	95



BENCH STAND

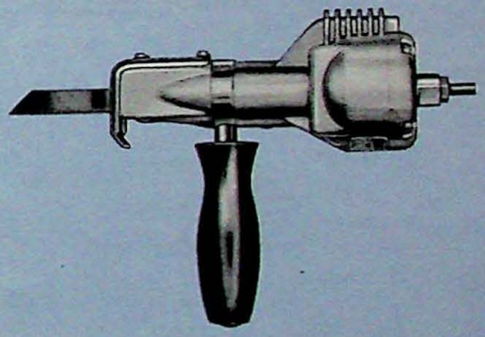
HACKSAW ATTACHMENT

Converts your drill for fast sawing and filing. Uses special purpose blades listed below or standard hacksaw blades, full or broken lengths.

New design features 360° adjustable or removable side handle. Used on any portable drill of 1800 to 3500 r.p.m. Attaches to drill by removing chuck and screwing direct to spindle, or by using drive pin adapter to operate from chuck. Equipped with drive pin adapter, steel cutting blade and fittings. Net weight, 3½ lbs.

Model 119—fits SKIL Drill Models 45, 47, 49, 75 and 134; all SKIL Pneumatic Drills; other makes with ⅜"-24 thread spindle. Shpg. Wt., 4 lbs.

Model 179—fits SKIL Drill Models 242, 243, and other makes with ½"-20 thread spindle. Shipping wt., 4 lbs.



HACKSAW ATTACHMENT

BLADES FOR HACKSAW ATTACHMENT

description	part no.	no. teeth per in.	length, inches	width, inches	gauge, inches
ALL PURPOSE—for wood, plaster, non-ferrous metals. Also for light gauge metals	**13404**	10	3	⅝	.032
	13405	10	5	⅝	.032
	13406	18	3	⅝	.032
	13407	18	5	⅝	.032
WOOD CUTTING—also for plywood composition, asbestos, asphalt, etc.	**13414**	6	6	⅝	.049
	13415	10	6	⅝	.049
WOOD SCROLL—for contours.	**13416**	10	4	5/16	.049
METAL CUTTING—18-tooth, heavy material and non-ferrous metals; 24-tooth, general purpose; 32-tooth, thin materials.	**13408**	18	5	½	.032
	13409	24	5	½	.032
	13410	32	5	½	.032
METAL SCROLL—same as above, but for contour work.	**13411**	18	3	¼	.032
	13412	24	3	¼	.032
	13413	32	3	¼	.032

(See price list for quantity discounts.)

FEED SCREW ATTACHMENTS

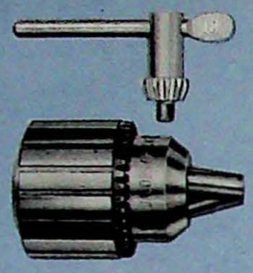
Used where space prevents hand feeding of drill. Furnished complete with adapter. Max. adjustment, 2½".

No. 2380—Fits Models 123, 163 Drills.

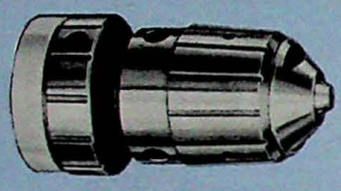
No. 3480—Fits Models 283, 2101, 2103, 2121, 2123 Drills.

FEED SCREW ATTACHMENT

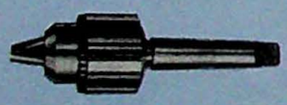
DRILL ACCESSORIES



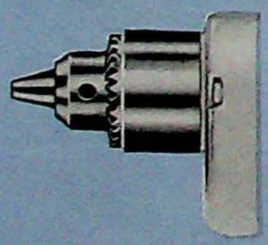
GEARED CHUCKS



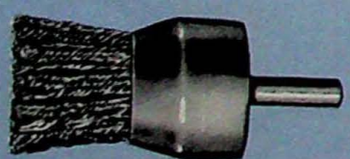
KEYLESS CHUCKS



MORSE TAPER ARBORS



CHUCK PROTECTOR



CIRCULAR AND END BRUSHES

GEARED CHUCKS

Here are top quality geared chucks—the finest obtainable. For best performance, replace worn chucks with original equipment.

for drill model nos.	spindle and thread size	chuck and key	key and key holder	key only
134, 138, 241, 161	⅜"-24	2708	....	1752
45, 47, 49, 75	⅜"-24	1773	3385	....
78, 269	⅜"-24	11237	11238	....
242, 243, 244	½"-20	1754	3385	....
250, 253	½"-20	1757	3387	....
64, 260	½"-20	4423	3766	....
181	½"-20	4778	....	1761
290	½"-20	20901	9032	....
80, 263, 268, 281	½"-20	1771	3766	....
283	¾"-16	4424	9032	....
2101, 2103	¾"-16	4425	9032	....
123, 2121, 2123	¾"-16	1765	....	1766
332, 543, 573	#3 Jacobs taper	1772	....	1766
351	#6 Jacobs taper	4426	9032	....
571, 572	#3 Jacobs taper	4427	9032	....

KEYLESS CHUCKS

For users who prefer the convenience of keyless chucks, the numbers listed in table below may be ordered for drills listed.

part no.	chuck capacity	spindle	for models
1784	¼"	⅜"-24	45, 47, 49, 241, 75, 134, 161, 241
1756	¼"	½"-20	242, 243, 244
1759	5/16"	½"-20	250, 253

MORSE TAPER ARBORS

No. 1737—No. 2 Morse taper arbor. **No. 1767**—No. 3 Morse taper arbor. Arbors above fit drills with Morse taper sockets. Either arbor will mount No. 1777 (⅝") or No. 1772 (¾") geared chucks with No. 3 Jacobs taper socket.

No. 1768—No. 3 Morse taper arbor with 5/16" geared chuck and key.

No. 1769—No. 3 Morse taper arbor with ¾" geared chuck and key.

No. 2341—Drift key for removing No. 2 Morse taper arbor.

No. 3435—Drift key for removing No. 3 Morse taper arbor.

MORSE TAPER REDUCING SLEEVE

No. 1770—Permits use of drill bits with No. 2 Morse taper shanks in any drill having No. 3 Morse taper socket.

NO. 5682 CHUCK PROTECTOR

Prevents entanglement of clothing or other materials in chuck; an excellent safety device for assembly line use. For SKIL Drill Models 45, 47, 49, 75 and 134 only.

NO. 4438 ARBOR ADAPTER

Fits ¼" or larger capacity drill. Allows use of wire wheels, grinding wheels, buffs and other accessories with ½" arbor holes.

CIRCULAR AND END BRUSHES

Circular brushes are for quick removal of hard carbon deposits from cylinder heads and cylinders. Also used for rust, paint and burr removal in automotive or other work. End brushes are excellent for cleaning valve seats and similar hard-to-reach spots, as well as for general cleaning work. ¼" shank fits all SKIL Drills.

part no.	wire and type	brush dia.	wire dia.
4264	Crimp End	¾"	.0104
4265	Crimp End	¾"	.020
4266	Crimp End	1"	.0104
4267	Crimp End	1"	.020
20848	Spiral Twist End	1"	.020
4268	Crimp Cir.	1½"	.020
4269	Crimp Cir.	3"	.020

HOLE SAWS for ¼" or larger drills

High speed steel cutting edge gives fast cutting of wood, metal, plastics, composition and other materials. These saws can be used with ¼" drills for cutting holes up to 1½" in diameter, unlimited depth of cut. Cup and saw are one piece construction.

part no.	diam. of saw inches	for pipe tap size	for pipe entrance size	part no.	diam. of saw inches	for pipe tap size	for pipe entrance size
20818	⅝	..	..	20830	2⅛	..	..
20819	¾	..	⅜	20831	2¼	2	..
20820	⅞	¾	½	20832	2⅜	..	..
20821	1	..	..	20833	2½	..	2
20822	1⅛	1	¾	20834	2⅝	..	..
20823	1¼	..	..	20835	2¾	2½	..
20824	1⅜	..	1	20836	2⅞	..	..
20825	1½	1¼	..	20837	3	..	2½
20826	1⅝	..	..	20838	3⅛	..	..
20827	1¾	1½	1¼	20839	3¼	3	..
20828	1⅞	..	..	20840	3⅜	..	..
20829	2	..	1½	20841	3½	..	..

MANDRELS ONLY

No. 20842—For ⅝" to 1½" hole saws with ¼" drills.

No. 20843—For ⅝" to 1½" hole saws with ½" drills.

No. 20844—For light duty cutting with 1⅝" to 3½" hole saws with ½" drill.

No. 20845—For heavy-duty cutting with 1⅝" to 3½" hole saws with ½" or larger drills.

PILOT DRILLS ONLY

No. 20874—For No. 20842 mandrel. **No. 20846**—For Nos. 20843, 20844 and 20845 mandrels. Bits are carbon steel. **No. 20847**—For Nos. 20843, 20844 and 20845 mandrels, bit is high speed steel.

REPLACEMENT BLADES ONLY

(For former 7600 Series Hole Saws only)

For cutting wood, metal, plastic and other materials. Blades are high speed steel. For drilling large diameter holes in ⅞" or thinner materials.

blade no.	diam. of saw inches	for pipe tap size	for pipe entrance size	blade no.	diam. of saw inches	for pipe tap size	for pipe entrance size
7642	¾	..	⅜	7668	2⅜	..	..
7644	⅞	¾	½	7670	2½	..	2
7646	1	..	..	7672	2⅝	..	..
7648	1⅛	1	¾	7674	2¾	2½	..
7650	1¼	..	..	7676	2⅞	..	..
7652	1⅜	..	1	7678	3	..	2½
7654	1½	1¼	..	7680	3⅛	..	..
7656	1⅝	..	..	7682	3¼	3	..
7658	1¾	1½	1¼	7684	3⅜	..	..
7660	1⅞	..	..	7686	3½	..	..
7662	2	..	1½	7688	3⅝	..	3
7664	2⅛	..	..	7690	4⅛	..	3½
7666	2¼	2	..				

MANDRELS ONLY

(For former 7600 Series Hole Saws only)

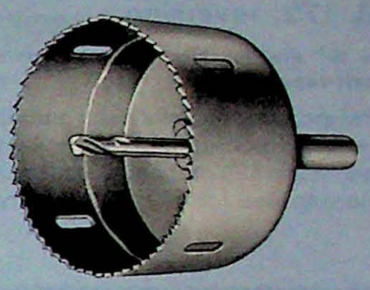
Furnished complete with pilot drills. Drills are quickly renewable. Nos. 7695 and 7696 also have ejector springs, as illustrated. Cups that fit Mandrel No. 7697 have slots in the top for removing sawed material.

No. 7695—Fits Nos. 7641 to 7647 inclusive. **No. 7696**—Fits Nos. 7649 to 7685 inclusive. **No. 7697**—Fits Nos. 7687 to 7689 inclusive.

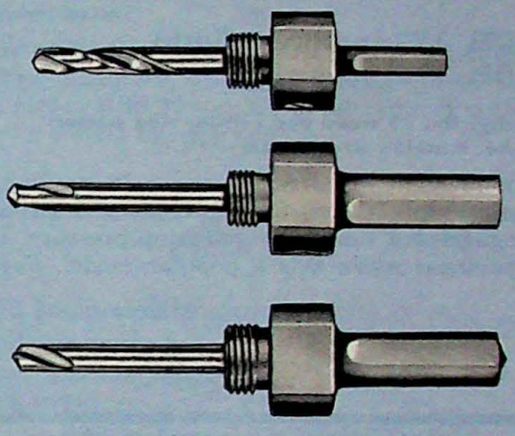
PILOT DRILLS ONLY

(For former 7600 Series Hole Saws only)

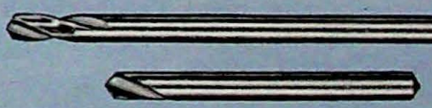
No. 7691—No. 7695 and 7696 Mandrels. **No. 7692**—No. 7697 Mandrel.



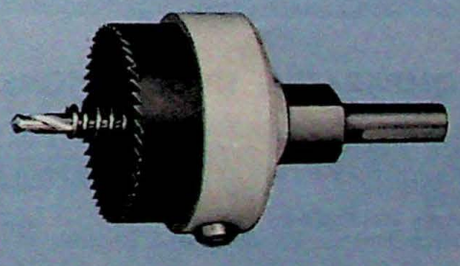
HOLE SAWS



MANDRELS



PILOT DRILLS



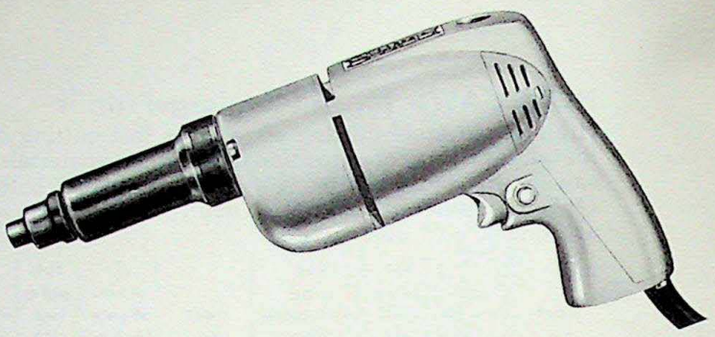
REPLACEMENT BLADE

MANDREL

MODEL 132 (adjustable clutch)
MODEL 172, reversing

capacity: ¼" dia. machine screws, nuts; No. 12 self-tapping screws

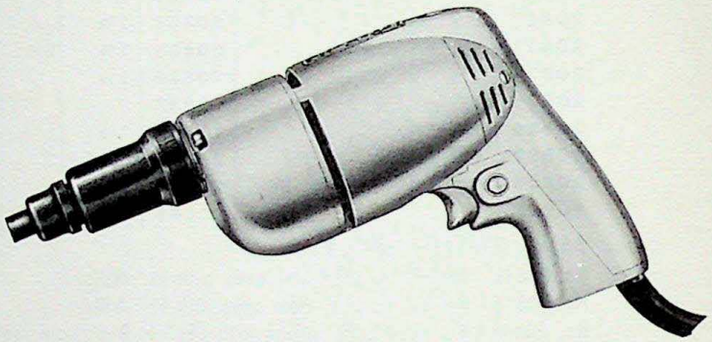
Ideal for production work on small fastenings in metal. Double-slip clutch quickly adjusts to a uniform, predetermined tension. Compact design fits palm of hand, making it easy to use for one-hand operation. *Specify voltage.*



MODEL 133 (positive clutch)
MODEL 173, reversing

capacity: No. 12 wood and self-tapping screws; ¼" dia. machine screws, nuts

Recommended for driving screws in production of wood and similar products. Operator easily determines point of disengagement simply by releasing pressure. Light weight, compactness make this a popular model. *Specify voltage.*



MODEL 316 (adjustable clutch)
MODEL 346, reversing

capacity: ¼" dia. machine screws, nuts; No. 12 self-tapping screws

Recommended for overhead suspension use in the assembly of small, mass-produced metal products; electrical appliances and similar items. Paddle switch is conveniently located for frequent, momentary operation. See Balance Reel, page 34 *Specify voltage.*

COMPACT, SUSPENSION TYPE

COMPARATIVE SPECIFICATIONS

equipment: ¼" hexagon quick-change chuck; No. 6764 bit: No. 6754 finder; 3-wire cord and connector. Models 132, 172, 316, 346 furnished with light and extra light clutch tension springs in addition to standard spring.

general specifications:

motors: Universal, D.C. or A.C. up to 60 cycles.

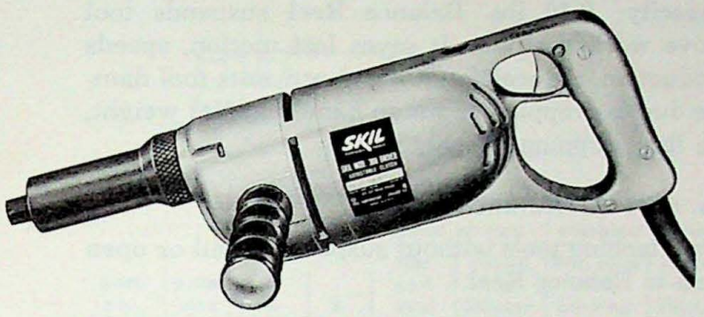
voltages: Standard 115, furnished on order for 220 and odd voltages at no extra cost.

bearings: All sealed, permanently lubricated ball and needle bearings.

switches: Double-pole trigger on Models 132, 133, 172, 173; Models 316, 346 have paddle type.

model no.	reversing model no.	positive or adjustable clutch	capacity: machine screws and nuts	capacity: wood screws and self-tapping screws	std. speed, no-load r.p.m.	*optional speeds, r.p.m.	amp. rating at 115V	length overall, inches	net weight, lbs.	shpg. weight, lbs.
132	172	adj.	¼"	No. 12	750	500, 1000, 1500	3	11⅛	3¾	6
133	173	pos.	¼"	No. 12	750	500, 1000, 1500	3	10¼	3¾	6
316	346	adj.	¼"	No. 12	750	500, 1000, 1250	1.9	15⅞	4½	6

SKIL DRIVERS



MODEL 305 (adjustable clutch)
MODEL 335, reversing

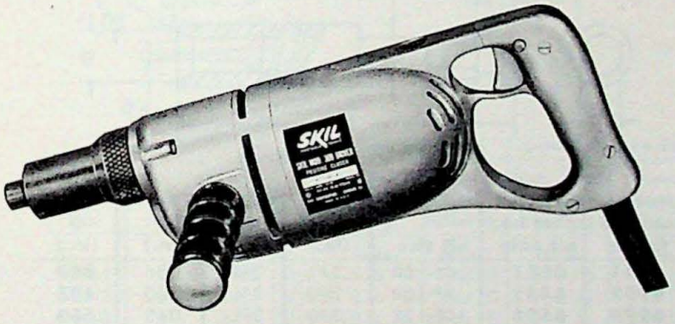
capacity: ⅜" dia. machine screws, nuts; 5/16" self-tapping screws

Here's a heavy duty driver for production work. Its removable side handle gives full control on all operations. And its adjustable, double-slip clutch allows driving to a uniform, predetermined tension. *Specify voltage.*

MODEL 306 (positive clutch)
MODEL 336, reversing

capacity: No. 16 wood screws, ⅜" dia. machine screws, nuts; 5/16" self-tapping screws

This driver is particularly suited for driving fastenings in wood and other materials where adjustable clutch is not needed. It is identical to Model 305 except that it does not have adjustable clutch. *Specify voltage.*



MODEL 308 (adjustable clutch)
MODEL 338, reversing

capacity: ½" dia. machine screws, nuts; ⅜" self-tapping screws

Truly a light weight and compact driver for its ½" capacity. Perfectly balanced for non-fatiguing production, Models 308 and 338 have side handle for easy control; double-slip clutch for metal fastening. *Specify voltage.*

MODEL 309 (positive clutch)
MODEL 339, reversing

capacity: No. 20 wood screws; ½" dia. machine screws, nuts; ⅜" self-tapping screws

Equipped with positive clutch, this driver is identical to Model 308 (above)...compact, balanced for production work. Used for driving fastenings in wood, other materials not requiring adjustable tension. *Specify voltage.*

COMPARATIVE SPECIFICATIONS

equipment: 7/16" hexagon quick-change chuck; No. 6995 bit and finder; left side handle; 3-wire cord and connector.
general specifications:
motors: Universal D.C. or A.C. up to 60 cycles.
voltages: Standard 115, furnished on order for 220 and odd voltages at no extra cost.
bearings: All sealed, permanently lubricated ball and needle bearings.
switches: Enclosed double pole, momentary contact trigger switches.

model no.	reversing model no.	positive or adjustable clutch	capacity: machine screws and nuts	capacity: wood screws and self-tapping screws	std. speed, no-load r.p.m.	*optional speeds, r.p.m.	amp. rating at 115V	length overall, inches	net weight, lbs.	shpg. weight, lbs.
305	335	adj.	⅜"	5/16"	500	750, 1000, 1600	4	15⅞	8½	11
306	336	pos.	⅜"	No. 16—5/16"	500	750, 1000, 1600	4	15	8½	11
308	338	adj.	½"	⅜"	500	750, 1000, 1600	5	16⅛	9	11½
309	339	pos.	½"	No. 20—⅜"	500	750, 1000, 1600	5	15	9	11½

*Furnished at extra cost

DRIVER ACCESSORIES

NO. 6767 BALANCE REEL

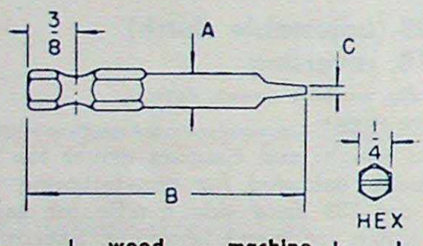
Capacity: 0-10 lbs. Balance Reel suspends tool above work position. It saves lost motion, speeds production, reduces fatigue and prevents tool damage due to dropping or rough handling. Net weight, 6½ lbs.; shipping weight, 7½ lbs.

No. 6779 ATTACHMENT CLIP

For attaching tools without suspension bail or open hook to Balance Reel.

BITS FOR SLOTTED HEAD SCREWS

¼" hexagon shank for models 132, 133, 316

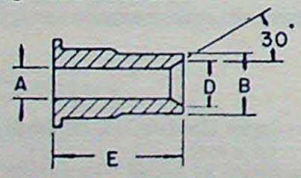


part no.	bit size	wood screws flat	wood screws round	machine screws flat*	machine screws round	A (in.)	B (in.)	C (in.)
6761	4F- 5R	4	5	4	5	.187	1 15/16	.032
6762	5F- 6R	5	6	5	6	.250	1 15/16	.036
6763	6F- 7R	6	8	6	8	.250	1 15/16	.040
6764	8F-10R	8	10	8	10	.275	1 15/16	.040
6765	10F-12R	10	12	10	12	.312	1 15/16	.046
6766	12F-14R	12	14	12	¼	.360	1 15/16	.050
6534	4F- 5R	4	4	4	4	.187	3½	.032
6535	5F- 6R	5	6	5	6	.250	3½	.036
6536	6F- 7R	6	8	6	8	.250	3½	.040
6537	8F-10R	8	10	8	10	.275	3½	.040
6538	10F-12R	10	12	10	12	.312	3½	.046
6539	12F-14R	12	14	12	¼	.360	3½	.050

***Also for oval, fillister and binding head screws.**

FINDERS

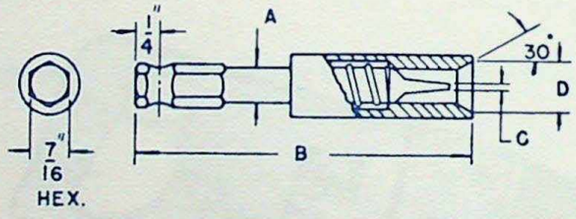
for models 132, 133 and 316



part no.	bit size	A (inches)	B (inches)	D (inches)	E (inches)
6751	4F- 5R	.196	19/64	¼	1 1/16
6752	5F- 6R	.260	23/32	5/16	1 1/16
6753	6F- 7R	.260	25/64	3/8	1 1/16
6754	8F-10R	.290	15/32	7/16	1 1/16
6755	10F-12R	.323	17/32	15/32	1 1/16
6756	12F-14R	.375	9/16	33/64	1 1/16
6194	4F- 4R	.196	19/64	¼	2 7/8
6195	5F- 6R	.260	23/64	5/16	2 7/8
6196	6F- 8R	.260	25/64	3/8	2 7/8
6197	8F-10R	.290	15/32	7/16	2 7/8
6198	10F-12R	.323	17/32	15/32	2 7/8
6199	12F-14R	.375	9/16	33/64	2 7/8

BITS WITH FINDERS, REPLACEMENT BITS

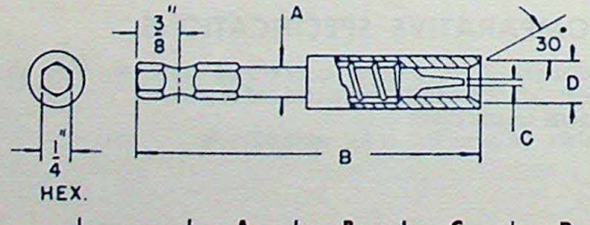
7/16" hexagon shank for models 305, 306, 308, 309



part no. bit and finder	part no. bit only	bit size	A (in.)	B (in.)	C (in.)	D (in.)
6991	6551	6F- 8R	.241	3¾	.036	.390
6992	6552	8F-10R	.290	3¾	.040	.437
6993	6553	10F-12R	.350	3⅞	.045	.500
6994	6554	12F-14R	.395	3⅞	.049	.546
6995	6555	14F-16R	.457	4⅛	.054	.609
6996	6556	16F-18R	.503	4⅛	.057	.656
6998	6557	20F-22R	.545	4⅛	.062	.703
6135	6558	22F-24R	587	4⅛	.066	.857

EXTENSION BITS WITH FINDERS

¼" hexagon shank for models 132, 133, 316

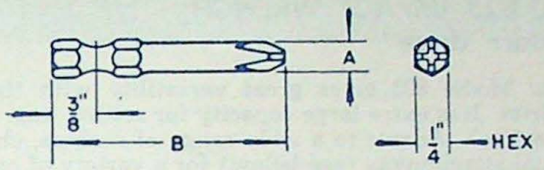


part no.	bit size	A (inches)	B (inches)	C (inches)	D (inches)
6771	5F- 6R	.193	3¾	.032	.296
6772	6F- 8R	.241	3¾	.036	.390
6773	8F-10R	.290	3¾	.040	.437
6774	10F-12R	.350	3¾	.045	.500
6775	5F- 6R	.193	6¾	.032	.296
6776	6F- 8R	.241	6¾	.036	.390
6777	8F-10R	.290	6¾	.040	.437
6778	10F-12R	.350	6¾	.045	.500

DRIVER ACCESSORIES

PHILLIPS BITS

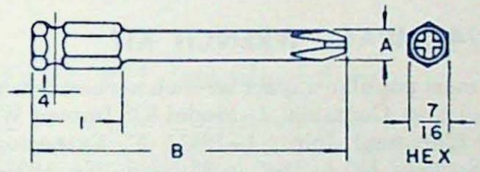
¼" hexagon shank for models 132, 133, 316
(no finders required)



part no.	point size	A	B	wood screws: flat and oval	wood screws: round and fillister	machine screws: flat, oval and binding	machine screws: round and fillister
				Nos.	Nos.	Nos.	Nos.
6781	1	.187	1 15/16	4 and smaller	4 and smaller	4 and smaller	4 and smaller
6782	1	.187	3½				
6783	2	.248	1 15/16	5 to 9	5 to 10	5 to 10	5 to 10
6784	2	.248	3½	5 to 9	5 to 10	5 to 10	5 to 10
6785	3	.312	1 15/16	10 to 16	11 to 16	12 to ¼	12 to 5/16
6786	3	.312	3½	10 to 16	11 to 16	12 to ¼	12 to 5/16

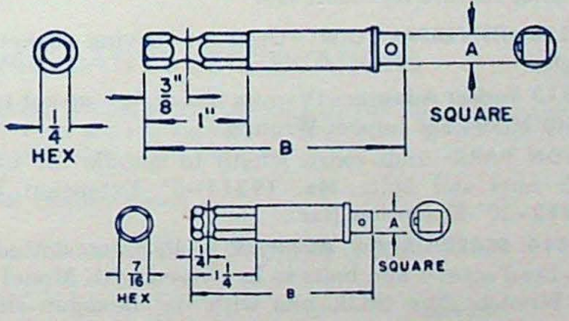
PHILLIPS BITS

7/16" hexagon shank for models 305, 306, 308, 309
(no finders required)



part no.	point size	A	B	wood screws: flat and oval	wood screws: round and fillister	machine screws: flat, oval and binding	machine screws: round and fillister
				Nos.	Nos.	Nos.	Nos.
6651	2	.248	3½	5 to 9	5 to 10	5 to 10	5 to 10
6652	2	.248	4½	5 to 9	5 to 10	5 to 10	5 to 10
6653	3	.312	3½	10 to 16	11 to 16	12 to ¼	12 to 5/16
6654	3	.312	4½	10 to 16	11 to 16	12 to ¼	12 to 5/16
6655	4	.373	3½	18 to 24	18 to 24	5/16 to ½	3/8 to ½
6656	4	.373	4½	18 to 24	18 to 24	5/16 to ½	3/8 to ½

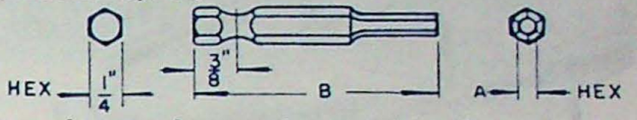
SOCKET WRENCH SHANKS



¼" hexagon shank: part no.	A (Inches)	B (Inches)	7/16 hexagon shank: part no.	A (Inches)	B (Inches)
6791	¼	2	6661	3/8	2¾
6792	¼	6	6662	3/8	5
6793	3/8	2	6663	½	2¾
6794	3/8	6	6664	½	5

BITS FOR HEX SOCKET SCREWS

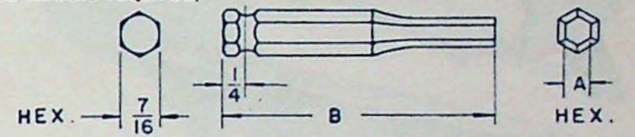
¼" hexagon shank for models 132, 133, 316
(no finders required)



part no.	cap screw	flat head machine screw	set screw	pipe plug	A (inches)	B (inches)
6893	No. 5-6	No. 8	No. 10-12		3/32	1 15/16
6894	No. 8	No. 10-12	¼		1/8	1 15/16
6895	No. 10-12	¼	5/16		5/32	1 15/16
6896	¼	5/16	3/8		3/16	1 15/16

BITS FOR HEX SOCKET SCREWS

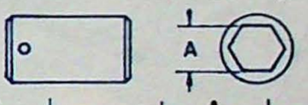
7/16" hexagon shank for models 305, 306, 308, 309
(no finders required)



part no.	cap screw	flat head machine screw	set screw	pipe plug	A (inches)	B (inches)
6671	¼	5/16	3/8	1/8	3/16	3
6672	5/16	3/8	7/16	..	7/32	3
6673	..	7/16	½	¼	¼	3
6674	3/8, 7/16	½	5/8	3/8	5/16	3
6675	1/8, 9/16	5/8	¾	½	3/8	3

HEXAGON SOCKETS

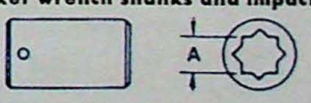
for use with socket wrench shanks and impact wrench



part no.	A (inches)	part no.	A (inches)	part no.	A (inches)
¼" Square Drive Standard Type		½" Square Drive Standard Type		½" Square Drive Bolt Clearance Type	
6681	¼	19317	3/8	19320	3/8
6682	9/32	19318	7/16	19321	7/16
6683	5/16	6521	½	19322	½
6684	11/32	6522	9/16	19323	9/16
6685	3/8	6523	19/32	19324	5/8
6686	7/16	6524	5/8	19325	11/16
		6525	11/16	19326	¾
3/8" Square Drive Standard Type		6526	¾	19327	13/16
		6527	25/32	19328	7/8
6503	3/8	6528	13/16	19329	15/16
6504	7/16	6529	7/8	19330	1
6505	½	6530	15/16		
6506	9/16	6531	1		
6508	5/8	19319	1 1/16		

DOUBLE SQUARE SOCKETS

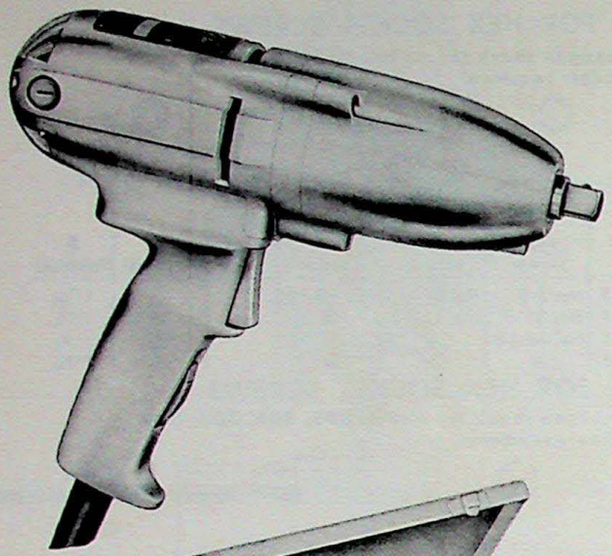
for use with socket wrench shanks and impact wrench

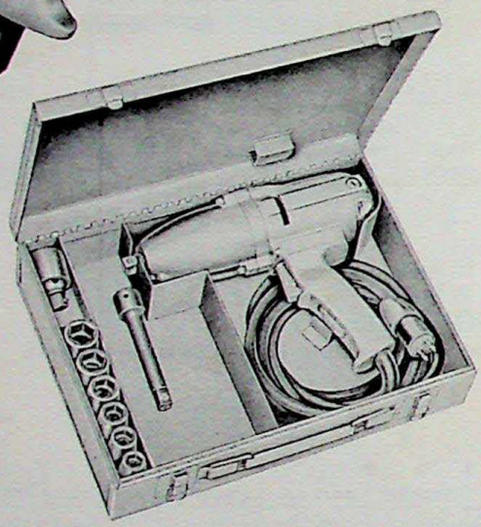


part no.	A (Inches)	part no.	A (Inches)
3/8" Square Drive Standard Type		½" Square Drive Standard Type	
6511	5/16	19332	3/8
6512	3/8	19333	7/16
6513	7/16	6541	½
6514	½	6542	9/16
		6543	5/8
		6544	11/16
		6545	¾
		6546	13/16
		6547	7/8
		6549	1

(See price list for Quantity Discounts on slotted head screw bits, phillips bits, extension bits with finders and replacement bits.)

IMPACT WRENCH





MODEL 823 IMPACT WRENCH
½" square drive

This new Model 823 gives great versatility with its ½" square drive. Has extra large capacity for setting nuts from ⅜" up to 1 1/16". Adapts to a wide range of sockets, chucks and special attachments (see below) for a variety of operations. With collet chuck, it can drill holes in wood or metal, tap holes and drive holesaws, wire brush, drive and remove screws. Ideal for automotive, assembly and maintenance use. *Specify voltage.*

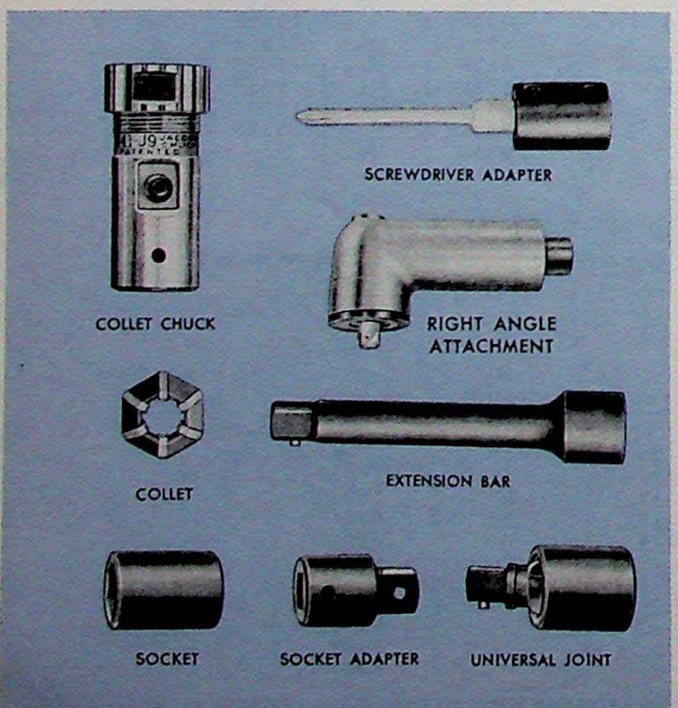
COMPARATIVE SPECIFICATIONS

equipment: double-pole, momentary contact trigger switch, reversing switch, 3-wire cord and connector.
general specifications:
motor: Universal D.C. and A.C. up to 60 cycles.
voltages: Standard, 115; furnished on order for 220 and odd voltages.
driving spindle: ½".
impacts per minute: 2000.
amp. rating at 115V: 4 amps.
length overall: 10¼".
net weight: 6 lbs.
shipping weight: 8 lbs.

MODEL 824 IMPACT WRENCH KIT

Includes the most popular impact wrench accessories packed in sturdy steel case. Contains: 1—Model 823 Impact Wrench; 1—No. 19310 Universal Joint; 1—19311 5" Extension Bar; 6—Hexagon Sockets, ½" to 1 3/16" in 16ths; 1—No. 19334 Steel Case.

ACCESSORIES



No. 19600 RIGHT ANGLE ATTACHMENT — Makes it possible to remove and replace hard-to-reach nuts, studs and bolts by changing spindle direction 90°.

No. 19310 UNIVERSAL JOINT—Used for driving sockets at odd angles.

No. 19313 Socket Adapter—Permits use of ⅝" socket to be used with Model 823 Impact Wrench.

EXTENSION BARS—Adds extra length to spindle for hard-to-reach nuts and bolts. **No. 19311**—5" Extension Bar; **No. 19312**—10" Extension Bar.

No. 19314 SCREWDRIVER ADAPTER — Permits slotted or phillips-head screws and bolts to be driven with Model 823 Impact Wrench. Any SKIL bits with 7/16" hexagon shank can be used in the adapter.

No. 19315 COLLET CHUCK — Allows Model 823 Impact Wrench to be used for drilling and tapping. Drilling capacity, 3/16" to ⅜"; tapping capacity, #10 to ½" tap cap.

No. 19316 COLLET—Interchangeable with collet in No. 19315 chuck for larger capacity ¼" to ½" drill, 5/16" to ⅝" tap capacity.

No. 21235 —Rubber bumper rings (pair).

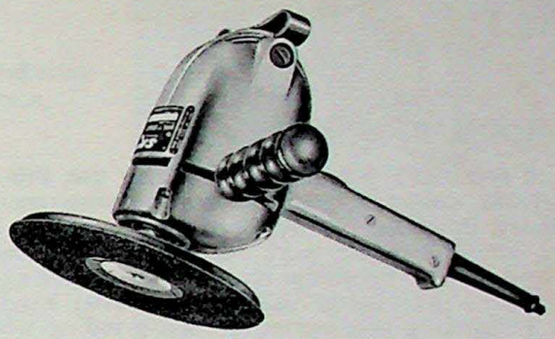
SOCKETS — Standard hexagon, bolt clearance type, and double square are available. See ½" square drive sockets on page 35.

SKIL DISC SANDERS

FOUR MODELS FOR EVERY TYPE OF ROUGH SANDING, WIRE BRUSHING OR GRINDING JOB

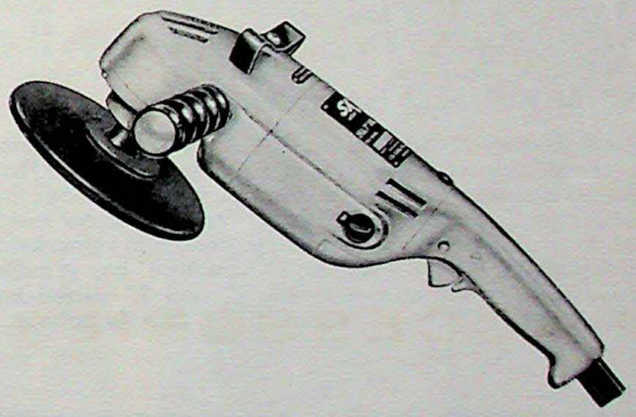
7" MODEL 551 (special-duty)

A real value among low-priced disc sanders. It has more power than many larger, more expensive makes. Close-coupled design means easier operation. Used for touch-up work and intermittent operation in auto body shops, garages and anywhere fast sanding of metal, wood or other materials is required. Lightweight design gives positive handling ease and control. *Specify voltage.*



7" MODEL 851 (standard-duty)

Because of its powerful motor, precision spiral bevel gearing and forced-air ventilation, Model 851 outperforms many sanders costing 50% more. And because of its lightweight, balanced design, operators can do more jobs faster with less fatigue. Has lubricant sealed, ball-bearing construction. Other features include dust-tight trigger switch, large inspection plate for maintenance and spindle lock for fast disc change-over. *Specify voltage.*



COMPARATIVE SPECIFICATIONS

equipment: Moulded backing pad and 3 assorted sanding discs; grinding wheel flange and side handle; tool rest; wrench; spindle lock (except Model 551); 3-wire cord and connector.

general specifications:

motors: Universal, D.C. or A.C. up to 60 cycles.

voltages: Standard, 115; furnished on order for 220 and odd voltages at no extra cost.

switches: Enclosed, double-pole, momentary contact trigger switch with locking pin (Model 551 has double-pole slide switch).

spindle dia.: ⅝"—11 thread.

bearings: Model 851 has all ball bearing construction. Model 551 has ball and sleeve bearings.

model no.	duty rating	capacity: disc dia., inches	capacity: wire cup brush, dia.	capacity: cup grinding wheel, dia.	capacity: raised-hub disc wheel, dia.	speed no-load, r.p.m.	amp. rating at 115V	length* overall, inches	net weight, lbs.	shpg. weight, lbs.
551	special	7	4	..	..	4200	5.5	9½	7	12
851	standard	7	4	4	7	4500	6.5	15½	11¾	16

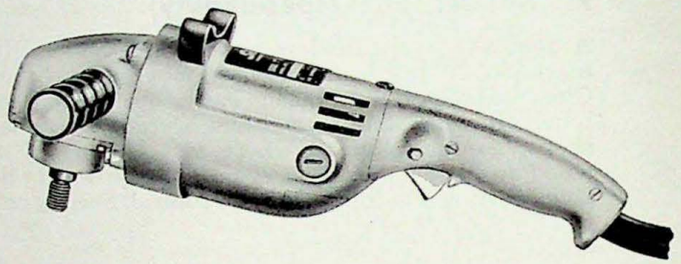
(See Super-Duty Models on next page.)

SKIL DISC SANDERS

NEW, IMPROVED FEATURES MAKE THESE SUPER-DUTY MODELS YOUR BEST SANDER BUY

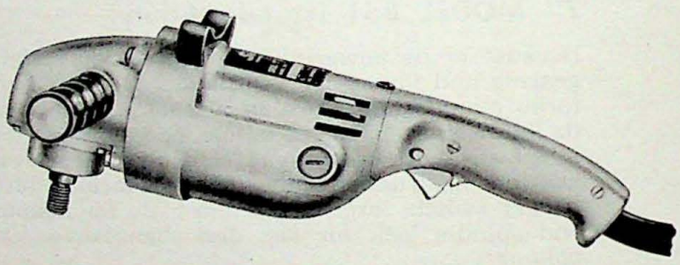
7" MODEL 853 (super-duty)

For all types of continuous, heavy duty use, this new Model 853 sander-grinder greatly increases operator efficiency. Powerful new 6000 r.p.m. motor retains high speed under heaviest work load for faster sanding, grinding or wire brushing. New design of housing and rear handle give better balance and easier handling. Uses 7" sanding accessories, 5" cup grinding wheels, 7" raised-hub disc wheels and up to 5" wire cup brushes. *Specify voltage.*



9" MODEL 852 (super-duty)

New, improved features include more powerful motor, more efficient cooling system and lighter, better balanced housing. Here is the kind of sander-grinder that offers high speed and terrific power even under maximum load conditions. For a large tool, it is remarkably lightweight, easy-to-handle. Used with 6" cup grinding wheels, 6" wire cup brushes, 7" and 9" raised-hub disc wheels, 7" and 9" sanding discs. *Specify voltage.*



COMPARATIVE SPECIFICATIONS

equipment: grinding wheel flange, reversible side handle; tool rest; wrench; spindle lock; 3-wire cord and connector.

general specifications:

voltages: Standard, 115; furnished on order for 220 and odd voltages at no extra cost.

motors: Universal, D.C. or A.C. up to 60 cycles.

switches: Enclosed, double-pole, momentary contact trigger switch with locking pin.

spindle dia.: ⅝"—11 thread.

bearings: All ball-bearing construction.

model no.	duty rating	capacity: disc dia., inches	capacity: wire cup brush, dia.	capacity: cup grinding wheel, dia.	capacity: raised-hub disc wheel, dia.	speed, no-load, r.p.m.	amp. rating at 115V	length* overall, inches	net weight, lbs.	shpg. weight, lbs.
853	super	7	5	5	7	6000	12	17	12¾	17
852	super	9	6	6	9	5000	12	17	12¾	17

DISC SANDER ACCESSORIES

NO. 19235 7" DISC SANDING KIT

For use with Models 851 and 853 Disc Sanders. Contain one (1) 7" molded rubber backing pad, three (3) 7" sanding discs, disc pad nut and wrench.

NO. 19236 9" DISC SANDING KIT

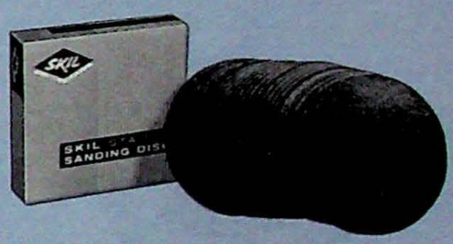
For use with Model 852 Disc Sander. Contains one (1) 9" molded sisal backing pad, three (3) 9" sanding discs, disc pad nut and wrench.

DISC SANDING KIT

"STA-FLAT" SANDING DISCS

Exclusive new *sta-flat* feature eliminates "rippled" edges common to other sanding discs. SKIL Discs have extra-hard aluminum oxide grits that are phenol-resin bonded to a sturdy fiber backing; dip in gasoline and scrub for re-use if grits become clogged! Use close coat Type K discs for metal, wood, stone or marble. Use open coat Type H discs for soft materials, removing paint and varnish. Conveniently packaged in quantities of 10 or 25. **(See price list for quantity discounts.)**

7" dia. no.	9" dia. no.	grit	type	discs per pkg.
7911	**7922**	16	K	10
7912	**7923**	24	K	10
7913	**7924**	30	K	10
7914	**7925**	36	K	10
7915	**7926**	50	K	10
7916	**7927**	60	K	10
7917	**7928**	80	K	10
7918	**7929**	100	K	25
7919	**7930**	120	K	25
7920	**7931**	150	K	25
7921	**7932**	180	K	25
7933	**7936**	16	H	10
7934	**7937**	24	H	10
7935	**7938**	30	H	10

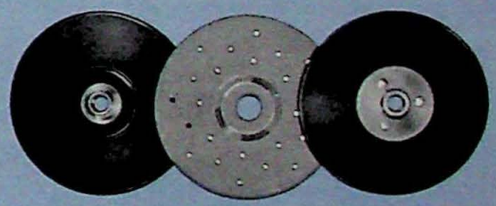


SANDING DISCS

BACKING PADS

For *flexible* sanding action, use molded rubber pads or perforated fiber pads. (Fiber pads must be used with rubber backing pads for solid backing. Use 7" fiber pad with 5" No. 13417 pad, use 9" fiber pad with 7" No. 4675 pad or 5" No. 13417 pad and 7" No. 21220 pad). For *stiffer* action, molded sisal pads are recommended.

No. 13417—5" molded rubber pad.
No. 2492—7" molded sisal pad.
No. 4675—7" molded rubber pad.
No. 21220—7" perforated fiber pad.
No. 21221—9" perforated fiber pad.
No. 4773—9" molded sisal pad.
No. 2427—Backing pad nut.
No. 2445—Pad nut wrench.



BACKING PADS

WIRE CUP BRUSHES

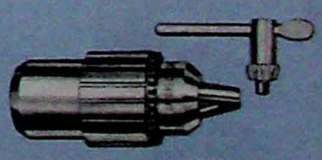
For cleaning castings, structural steel, tanks, vats, sheet metals, stone, concrete, etc. Used also for removal of heavy rust, scale and paint. Have 5/8" x 11" arbor.

part no.	dia. of brush	type brush	dia. of brush wire	part no.	dia. of brush	type brush	dia. of brush wire
21025	6"	Crimp	.020	**21029**	5"	Crimp	.020
21026	6"	Spiral Twist Single Row	.020	**21030**	5"	Spiral Twist Single Row	.020
21027	6"	Spiral Twist Double Row	.020	**21031**	4"	Crimp	.014
21018	6"	Spiral Twist Double Row	.035	**21032**	4"	Single Row Spiral Twist	.020

WIRE CUP BRUSHES

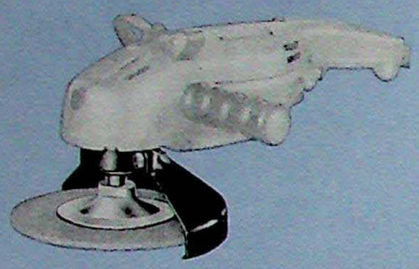
NO. 18305 1/4" CHUCK

For use with SKIL Disc Sanders. Adaptor end of chuck threads directly to sander spindle. **No. 1755**—Key only, for above.

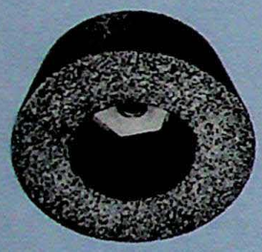


CHUCK AND KEY

DISC SANDER ACCESSORIES



RAISED-HUB WHEEL KIT



CUP GRINDING WHEELS

REVOLVING CUP WHEEL GUARD

ADJUSTABLE SLEEVE GUARD

RAISED-HUB WHEEL KITS

No. 19238 7" RAISED-HUB WHEEL KIT—Contains 7" guard, adapter flange, lock nut, wrench and No. 19682 grinding wheel.

No. 19239 9" RAISED-HUB WHEEL KIT—Contains 9" guard, adapter flange, lock nut, wrench and No. 19684 grinding wheel.

RAISED-HUB WHEEL GUARDS

For use with depressed center disc wheels, these guards attach directly to lower plate of SKIL Sander to fully protect operator.

No. 16896—7" guard for Models 851, 853.
No. 16894—9" guard for Models 13, 540, 852.

RAISED-HUB DISC WHEELS AND ADAPTOR

Fast-cutting, reinforced grinding wheels for grinding heavy weld beads, structural steel, steel castings, stainless steel and other ferrous metals. Wheels are A-24R types.

No. 19682—7" x 1/8"
No. 19683—7" x 1/4"
No. 19684—9" x 1/8"
No. 19685—9" x 1/4"

Raised-hub disc wheels for cement and masonry grinding. Made of silicon carbide with 16 grit abrasive.

No. 21021—7" x 1/4"
No. 21022—9" x 1/4"

NOTE—Before using any grinding wheel, always be sure its maximum safe operating speed (shown on wheel blotter) is not exceeded by the free speed of the tool (shown on nameplate). Use only on tools with proper safety guards.

No. 19274 ADAPTER FLANGE—Includes flange, lock nut and wrench.

CUP GRINDING WHEELS

Made of securely bonded, highest grade silicon carbide or aluminum oxide abrasives. Each wheel has a 5/8"-11 thread bushing molded integrally for mounting wheel direct to disc sander spindle. *Use wheel guard listed for complete safety.* **(order by number)**

4" diameter			5" diameter			6" diameter		
coarse	med.	fine	coarse	med.	fine	coarse	med.	fine
			Silicon carbide abrasive					
for art marble and terrazzo								
....	....	....	5405	5406	....	5408	5409	....
for marble and onyx			5406	....	....	5409	....	....
for concrete, cement block and brick								
5421	5422	....	5427	5405	5406	5428	5408	5409
for granite		....	5405	....	....	5408	....	....
for granite composition blocks								
....	....	....	5406	....	....	5409	....	....
for limestone and sandstone								
5422	....	....	5405	....	5406	5408	....	5409
for porcelain and vitreous ware								
....	....	....	5406	....	....	5409	....	....
			Aluminum oxide abrasive					
for cast iron, bronze, un-annealed malleable iron, white iron								
5421	5451	....	5455	5456	....	5457	5458	....
for steel castings, steel welds, structural members, annealed malleable iron								
5459	....	5460	5463	....	5464	5465	....	5466

REVOLVING CUP WHEEL GUARDS

Attaches directly to spindle. For use with Model 851 (Serial No. A832052 and up), Model 852 (Serial No. B385353 and up) and Model 853 Disc Sanders.

No. 19296 4" CUP WHEEL GUARD—Includes 4" revolving cup wheel guard and wrench.

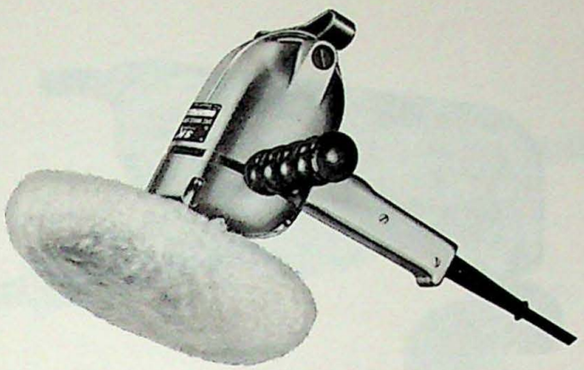
No. 19240 5" CUP WHEEL GUARD—Includes 5" revolving cup wheel guard and wrench.

No. 19237 6" CUP WHEEL GUARD—Includes 6" revolving cup wheel guard and wrench.

NO. 13665 ADJUSTABLE SLEEVE GUARD

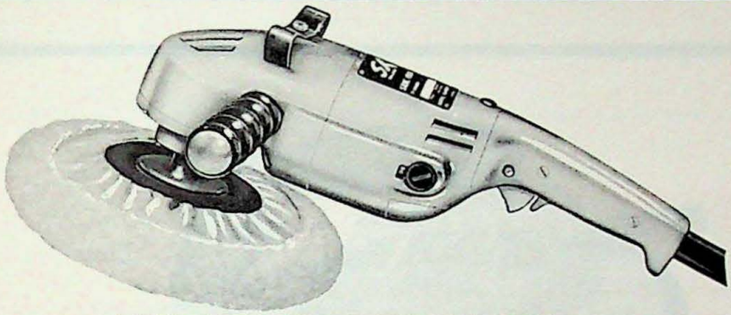
Attach directly to lower bearing plate of SKIL Sander; allows full wear of wheel. For use with Models 13, 540, 851, 852, 853.

SKIL POLISHERS



7" MODEL 570 (standard-duty)

A full-powered tool of compact design for use in small garages, service stations, dealer service departments...anywhere polishing is done intermittently. Well balanced and easy to handle, either on or off work surface. Weight of tool is centered directly over spindle to give better control; lighter than many less powerful tools. *Specify voltage.*



7" MODEL 186 (heavy-duty)

A completely new, advanced-design polisher, with many exclusive features. Weight of tool is forward, making polisher easier to control and requiring less pressure. Extra-long cord protector, trigger switch, nonslip handle design and snag-free housing assure safe operation. Forced ventilation cools gear case as well as motor. *Specify voltage.*

COMPARATIVE SPECIFICATIONS

equipment: 7" molded rubber backing pad; sponge rubber polishing pad; long pad nut; standard pad nut; lambswool polishing bonnet; side handle; tool rest; wrench; 3-wire cord and connector.

general specifications:

motors: Universal, D.C. or A.C. up to 60 cycles.

voltages: Standard, 115, 220 and odd voltages at no extra cost.

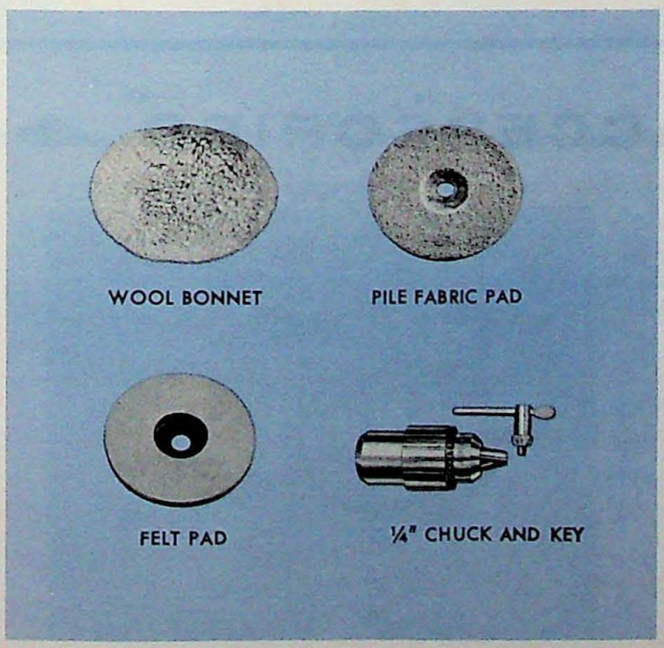
switches: Model 570, enclosed double-pole slide type; Model 186, enclosed double-pole momentary-contact trigger type with locking pin.

spindle diameter: 5/8"—11 thread.

model no.	duty rating	pad diam., inches	no-load speed, r.p.m.	amp. rating at 115v	length* overall, inches	net weight, lbs.	shpg. weight, lbs.
570	standard	7	1300	5.5	9½	7	13
186	heavy	7	1700	5.5	15½	12	15

*length not including pad

POLISHER ACCESSORIES



NO. 4711 WOOL BONNET

Same as standard equipment. Best for all-around cleaning and polishing. Used with 7" rubber back pad and 7" sponge rubber pad. Genuine lambswool.

NO. 6622 PILE FABRIC PAD

Specifically designed for polishing or rubbing down newly sprayed finishes. Deep wool pile resists matting down, gives longer service.

NO. 2462 FELT PAD

Highest quality, durable felt pad that is useful for a great variety of rubbing and burnishing operations with special rubbing compounds.

NO. 18305 ¼" CHUCK

Convert your SKIL Polisher for drilling. Threads directly to polisher spindle.

No. 1755—Key only, for above.

BACKING PADS

No. 4679—7" molded rubber back pad for use with all SKIL polishers. **No. 6496**—7" sponge rubber pad. Used with rubber back pad (above). **No. 4699**—Long pad nut. Clamps sponge rubber and backing pads to polisher spindle. **No. 2445**—Pad nut wrench.

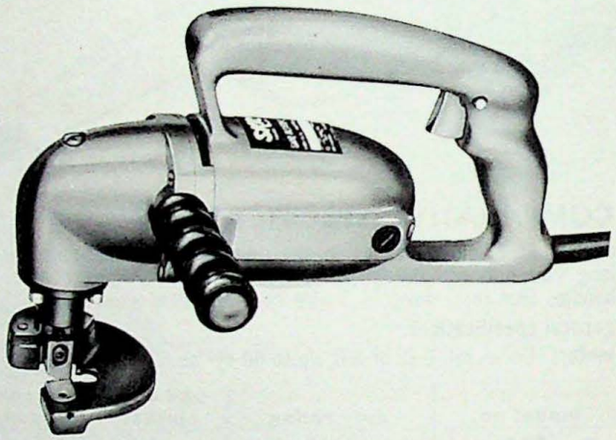
SKIL SHEARS

16-GAUGE MODEL 17

For cutting sheet metal...hot rolled steel up to 16 gauge, other materials in proportion. A rugged, job-proved performer, it has many features of larger shears. Deflector plate minimizes curling of metal; cutting head permits minimum cutting radius of 1". Light in weight for complete control in any cutting position. Equipped with powerful motor. *Specify voltage.*

12-GAUGE MODEL 231

Designed for cutting in a broad range of sheet metals...hot rolled steel up to 12 gauge and other metals (harder and softer) in proportion. Gives top power for fast cutting in sheet metal shops, autobody shops and in the building trades. And weighing only 12 pounds makes it amazingly easy to operate at any angle, on all jobs. Two-piece foot design reduces maintenance over 50% and permits a minimum cutting radius of 1½". *Specify voltage.*



COMPARATIVE SPECIFICATIONS

equipment: Set of blades; necessary wrenches; removable side handle for right or left-hand use (Model 231 only); 3-wire cord and connector.

general specifications:

motors: Universal, D.C. or A.C. up to 60 cycles.

voltages: Standard 115; furnished on order for 220 and odd voltages at no extra cost.

switches: Enclosed double-pole (momentary contact type with locking pin on Model 231). Double-pole slide switch on Model 17.

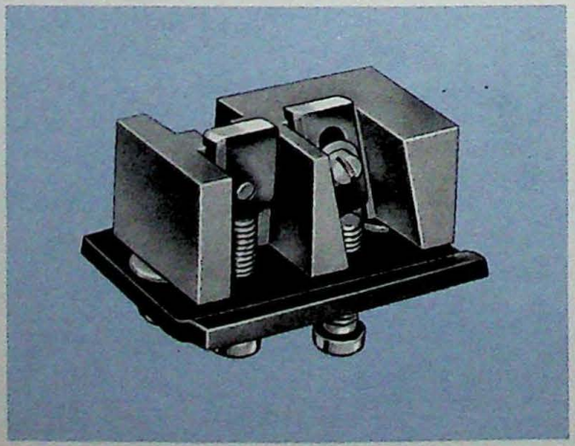
bearings: All sealed, permanently lubricated; Model 231 double-row ball bearings on eccentric shaft.

model no.	max. gauge, hot rolled steel	min. cutting radius, in.	no-load speed, strokes per min.	amp. rating at 115V	overall length in.	net weight lbs.	shpg. weight lbs.
17	16	1	1500	2.8	9	5¾	8
231	12	1½	2500	6.5	13	12	16

SHEAR ACCESSORIES

NO. 11316 BLADE SHARPENING FIXTURE

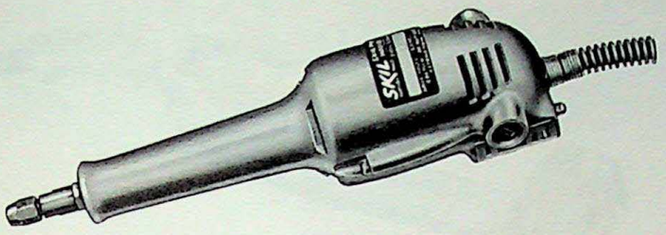
Blades for either SKIL Shear can be ground quickly and accurately to the correct cutting angle with this blade sharpening fixture. Operates simply by gliding fixture along any bench grinder tool rest. Picture illustrates pair of blades mounted in fixture, ready for sharpening.



SHEAR REPLACEMENT BLADES

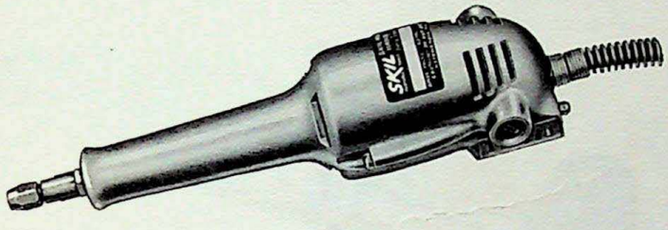
No. 4076—Replacement moving blade for Model 17.
No. 4078—Replacement stationary blade for Model 17.
No. 10711—Replacement moving blade for Model 231.
No. 10710—Replacement stationary blade for Model 231.

PORTABLE GRINDERS



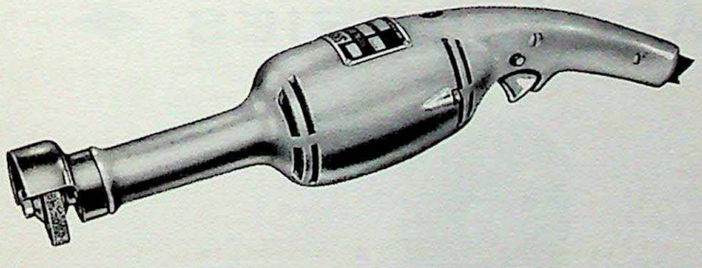
MODEL 146 (⅛" collet chuck)

This 20,000 r.p.m. hand grinder capably fills the requirements of tool and die departments, pattern shops or model makers. Use collet chuck with mounted wheels and points; geared chuck (see accessories Page 44 with various wire-gauge drills. A ¼" collet chuck is also available as an accessory. New pin lock makes collet and chuck changes easy. *Specify voltage.*



ULTRA HIGH-SPEED MODEL 148 (⅛" collet chuck)

Specifically engineered to attain and hold a top speed of 36,000 r.p.m., this outstanding grinder greatly increases the efficiency of small mounted wheels and points, carbide cutters. Entire grinder weighs just 2¼ lbs. Extremely compact and light weight for easy handling in any position, at any angle—on any job! *Specify voltage.*



2½" MODEL 171 (dual-purpose)

This is a truly outstanding dual-purpose grinder for all types of intermittent surfacing operations. With high speed of 17,500 r.p.m., Model 171 uses either ⅜" or ¼" arbor grinding wheels; ¼" shank, mounted wheels and points; wire wheel brushes, buffing and polishing wheels. And its powerful, high speed motor easily handles a broad range of high capacity grinding jobs. *Specify voltage.*

COMPARATIVE SPECIFICATIONS

equipment—all models: 3-wire cord and connector. Models 146, 148 have ⅛" collet chuck, dressing stone, wrenches. Model 171 has ¼" collet chuck, ext. spindle for ¼" arbor wheels, wrenches, wheel guard, 2½" dia. medium grit wheel with ⅜" arbor hole. Models 959 and 960 have wheel guard, suspension eye bolt, medium grit wheels.

general specifications:

motors: Univeral, D.C. or A.C. up to 60 cycles.

voltages: Standard, 115; furnished on order with 220 and odd voltages at no extra cost.

switches: Enclosed, double-pole momentary contact type on Models 171, 959 and 960. Models 146 and 148 have toggle switches.

bearings: All sealed, permanently lubricated ball bearings.

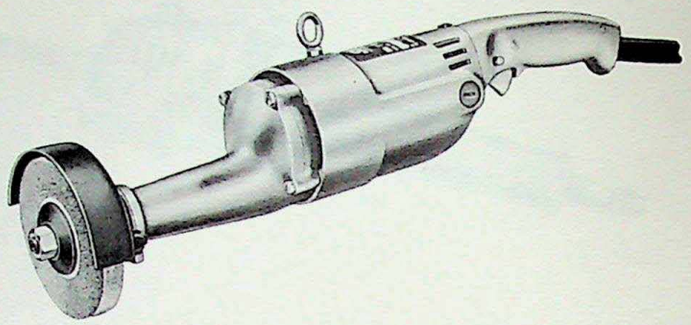
model no.	wheel capacity, inches	spindle diam., inches	speed no-load r.p.m.	amp. rating at 115V	length overall, inches	net weight, lbs.	shpg. weight, lbs.
146	1¼ mounted	⅛ collet chuck	20,000	1.3	9¾	2¼	7
148	¾ mounted	⅛ collet chuck	36,000	2.5	9¾	2¼	7
171	2½ x ⅜	⅜	17,500	3	16⅝	6	9
959	5 x ¾	½	5,000	10	22½	12¾	17
960	6 x 1	⅝	4,500	12	22½	15¾	20

PORTABLE GRINDERS

5" MODEL 959

This all-new, high capacity grinder has the superior construction and wide adaptability for outstanding performance in grinding, wire brushing, buffing and polishing jobs. New contour-grip handle with fully enclosed momentary contact switch gives operator complete control of tool. Powerful new motor makes Model 959 an excellent choice for heaviest production, construction or maintenance work. *Specify voltage.*

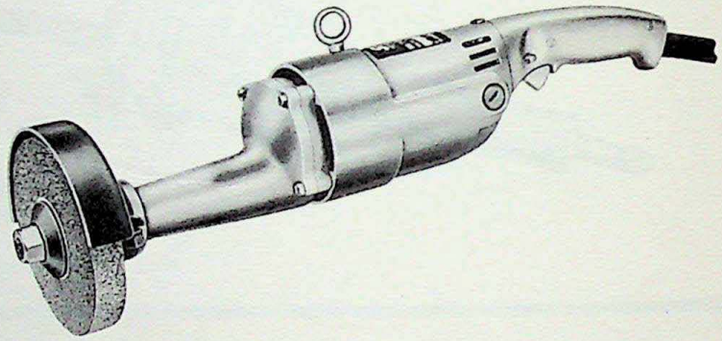
Note: Model 959 can be purchased less wheel and guard for use with the 19248.



6" MODEL 960

Newly-designed and tested under the most severe operating conditions, Model 960 is built for constant production service. Has powerful new motor, contour-grip handle with fully enclosed commutator and trigger switch. Engineered for the toughest work encountered in grinding heavy castings, wire brushing or buffing and polishing practically any metal surface. *Specify voltage.*

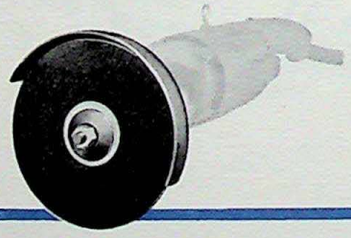
Specifications for above grinders, bottom of page 43



GRINDER ACCESSORIES

NO. 19248 TUCKPOINTING KIT

For use with Model 959 Grinder to penetrate as deep as necessary to clean out loose mortar. Kit includes No. 11646 silicon carbide wheel, 8" wheel guard, wrench and arbor bushing.



GRINDING WHEELS

part no.	type	size	grit	for model
4498	high strength, reinforced	2½"	36 med.	171
5882	aluminum oxide	4"	30 med.	15
19581	aluminum oxide	5"	30 med.	16,959
19582	aluminum oxide	6"	24 med.	142,960
*11646	silicon carbide	8" x ⅛"	24	**19248**, 465
*11647	silicon carbide	8" x 3/16"	24	**19248**, 465

***Packed in cartons of 10. Order in lots of 10 where possible for convenience and quantity discount. See SKIL General Price List for complete schedule of quantity discounts. NOTE: Before using any grinding wheel, be sure its safe operating speed (shown on wheel blotter) is not exceeded by the free speed of the tool (shown on nameplate). Use only on tools with proper safety guards.**

WIRE BRUSHES:

Shown on Page 39

COLLETS AND CHUCKS

part no.	item	for model
3779*	⅛" collet	146, 148
3780*	⅛" cap for above collet	146, 148
9397*	¼" collet	146
9398*	¼" cap for above collet	146
11336	5/32" geared chuck and key	146
11337	key only for above	—

***Order cap and collet for complete chuck.**

BENCH GRINDERS

NEW 6", 7", 8", AND 10" GRINDERS WITH INCREASED POWER, SMOOTH PERFORMANCE

6" MODEL 286 (⅓ h.p.)

A new 1/3 horsepower model that costs no more than many 1/4 h.p. grinders. Dynamically-balanced, split-phase motor starts fast, maintains speed. Rotor is mounted on quality ball-bearings giving vibration-free, cool-running performance. New, heavy-duty cast iron construction for greater stability. Base is removable for easy access to the motor and wiring.

6" MODEL 567 (⅓ h.p., D.C.)

Here a *direct-current* grinder that's power packed for a wide range of jobs in garages, repair shops and tool rooms. Handles all kinds of grinding, sharpening, buffing and wire brushing jobs. Ball bearing construction, removable wheel guards, heavy base for stability.

6" MODEL 287 (⅓ h.p.)

There's more power in this new 6" grinder for all wire brushing, buffing and grinding jobs. And there's more value, too. Eye shields and end-bell covers are standard equipment at no extra cost. Similar to Model 286 in design with all ball-bearing construction; powerful, split-phase motor; heavy-duty cast iron housing; removable base for inspection of motor and wiring.

COMPARATIVE SPECIFICATIONS

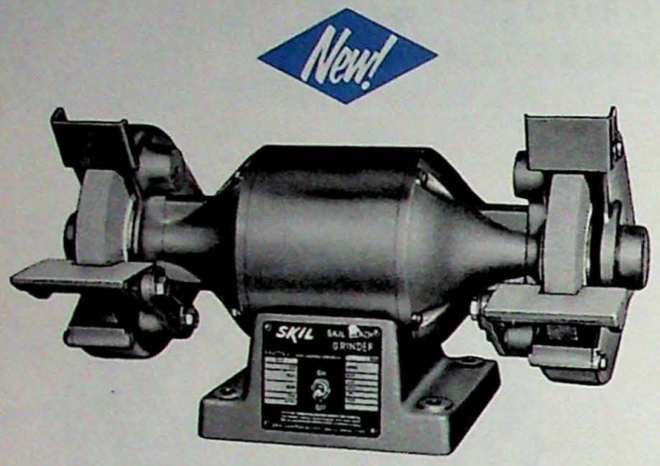
equipment, all models: One fine and one medium grit wheel; tool rests; spark arrestors; 3-wire cord and connector (only model 287 is equipped with eye shields).

general specifications:
motors: Models 286, 287, split-phase induction, 60 cycle; model 567, direct current.
switches: All switches, enclosed toggle type.
bearings: All ball-bearing construction.

model no.	type current	wheel size, inches	arbor size, inches	distance between wheels	body clearance	base depth, width	amp. rating at 115v	h.p.	speed no-load r.p.m.	AC voltages 1 phase	d.c. voltages	net wt., lbs.	shipping wt., lbs.
286	a.c.	6 x ½	½	11 11/16"	⅜"	6⅜" x 8"	4.1	⅓	3450	115	—	35	40
287	a.c.	6 x ¾	½	11 11/16"	⅜"	6⅜" x 8"	4.1	⅓	3450	115	—	38	44
567	d.c.	6 x ¾	½	11¾"	⅜"	7¾" x 9½"	3.4	⅓	3450		115	40	57

BENCH GRINDERS

3 ALL NEW HEAVY DUTY MODELS

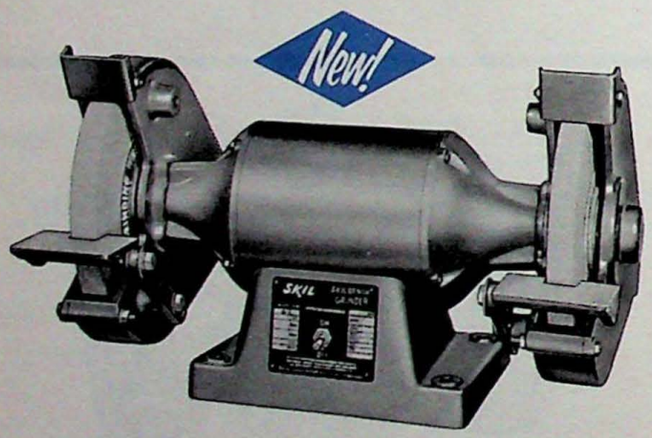


7" MODEL 607 (½ h.p.)

A high capacity grinder that has the extra power to handle a wide range of jobs in automotive and machine shops. Full ball-bearing construction means it can take heavy-duty service in grinding, tool sharpening, wire brushing and buffing. Other important features are its adjustable spark arrestors, heavy-duty cast iron construction including adjustable tool rests, removable wheel guards and end-bell covers.

8" MODEL 614 (½ h.p.)

Similar to Model 607 in design with all ball-bearing construction; powerful, cool-running motor; adjustable spark arrestors and tool rests; removable wheel guards. Heavy-duty cast iron construction throughout.



10" MODEL 617 (1 h.p.)

This full one-horsepower, grinder maintains constant speed under heavy loads. Designed for daily heavy-duty use in factories, machine, welding and maintenance shops, foundries or garages. Made of cast iron with all ball-bearing construction throughout. Equipped with adjustable tool rests and spark arrestors, removable wheel guards and end-bell covers.

COMPARATIVE SPECIFICATIONS

equipment, all models: One fine and one medium grit wheel; tool rests; spark arrestors; 3-wire cord and connector with Models 607 and 614 only.

general specifications:
motors: Capacitor-start induction, 50-60 cycle.
switches: All switches, enclosed toggle-type.
bearings: All ball-bearing construction.

model no.	a.c. or d.c.	wheel size, inches	arbor size, inches	distance between wheels	body clearance	base depth & width	amp. rating at 115v	h.p.	speed no-load r.p.m.	a.c. voltages, 1-phase	a.c. voltages, 3-phase	net wt., lbs.	shpg. wt., lbs.
607	a.c.	7 x 1	⅝	15⅛"	¼"	8" x 9"	6.8	½	3450	115 220	220 440* 550*	60	72
614	a.c.	8 x 1	⅝	15⅛"	¾"	8" x 9"	6.8	½	3450	115	220 440* 550*	70	82
617	a.c.	10 x 1	¾	17⅛"	1½"	9" x 11"	12	1	1725	115/230†	220/440† 550*	102	122

*Available on Special Order at Extra Cost. †Dual Voltage.
State voltage and phase in addition to model no. Standard 115-volt will be shipped unless otherwise specified.

BENCH GRINDER ACCESSORIES

NO. 4480 GRINDER PEDESTAL

Made of heavy sheet steel, internally braced for complete rigidity. Has storage compartment for wrenches, extra wheels and brushes; removable water pot. Holes in base for fastening to floor. Mounting holes located for Models 246, 247, 286, 287, 607 and 614. Instructions included for making simple adapter plate to mount Models 563, 567, 658, 617 and other 6", 7" and 8" grinders.

specifications—height: 32". **base:** 10" x 17¾". **top:** 8" x 12". **mounting slot width:** 2⅞" (center-to-center). **mounting slot adjustment:** 8⅛" to 10⅜". **shipping weight:** 55 lbs.

NO. 5156 ILLUMINATED EYE SHIELD

Gives eye protection and work visibility! Has fixture for mounting on all SKIL Bench Grinders, with cord lead for internal connection. 4" x 6" safety glass has protective sheet of plain glass below. Easily adjusted. Order two for each grinder. *(Wired for 115 volts only)*

STANDARD EYE SHIELD

no. 11499, pair; no. 11599, single

Made of ¼" thick shatterproof glass, metal framed and adjustable to angle desired. Outside dimensions, 6⅜" wide x 5¼" high. Order a pair for each grinder.

No. 11597—Replacement safety glass for above.

GRINDING WHEELS

Top quality replacement grinding wheels for SKIL Bench Grinders. Balanced construction assures smooth performance.

part no.	size, inches	arbor size, inches	grit	max. safe operating r.p.m.	for model
11240	6 x ½	½	36	4140	246, 286
10657	6 x ½	½	60	4140	246, 286
10764	6 x ¾	½	36	4140	247, 287, 567
10794	6 x ¾	½	60	4140	247, 287, 567
12254	7 x 1	⅝	36	3545	563, 607
12255	7 x 1	⅝	60	3545	563, 607
12252	8 x 1	⅝	36	3820	658, 614
12253	8 x 1	⅝	60	3820	658, 614
21079	10 x 1	¾	36	2480	617
21080	10 x 1	¾	60	2480	617
12202	10 x 1	1	36	2480	564
12211	10 x 1	1	60	2480	564

NOTE: Before using any grinding wheel, be sure its safe operating speed (shown on wheel blotter) is not exceeded by the free speed of the tool (shown on nameplate). Use only on tools with proper safety guards.

WIRE WHEEL BRUSHES

Heavy duty wire wheel brushes ideally suited for removing paint, scale, rust, stains, buffing, deburring and finishing metals. Brushes can be used with either portable or stationary grinders.

part no.	diameter	std. arbor	face width	wire size
21033	4"	½	⅞"	.014
21034	6"	½	13/16	.0104
21035	6"	½	13/16	.014
21036	7"	⅝	⅞"	.0104
21037	7"	⅝	⅞"	.014
21038	8"	⅝	1¼"	.020
21039	8"	⅝	1¼"	.014
21040	10"	¾	1¼"	.020
21041	10"	¾	1¼"	.014

ARBOR ADAPTORS (PAIRS)

part no.	arbor dia.	for brushes
21042	½	6", 7" and 8" Dia.
21043	⅝	6", 7" and 8" Dia.
21044	¾	7", 8" and 10" Dia.
21045	1	8" and 10" Dia.

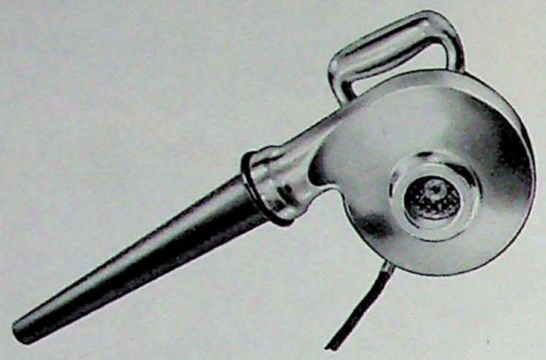
GRINDER PEDESTAL

EYE SHIELD

GRINDING WHEEL

WIRE BRUSH

BLOWERS, VACUUM CLEANERS



MODEL 28 (special-duty)

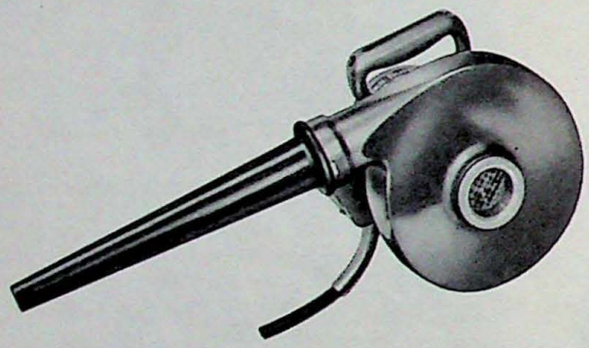
A low-priced blower for intermittent service to blow sawdust and wood chips from woodworking machinery; for frequent use in the small shop; to clean out delicate office machines. Converts to suction cleaner. *Specify voltage.*

MODEL 25 (standard-duty)

A more powerful blower for most industrial requirements. Safe, convenient for cleaning industrial motors, machinery. Delivers perfectly dry air; safeguards equipment against moisture. Converts to suction cleaner. *Specify voltage.*

MODEL 26 (heavy-duty)

Delivers dry air at high velocity and low pressure. Safest method for cleaning electrical, other delicate equipment. Converts to suction cleaner. *Specify voltage.*



MODEL 27 (hot and cold)

Delivers blasts of either hot or cold air by simply turning a switch. Removes moisture from motors, cable, electronic equipment; dries newly sprayed or inked surfaces. *Cannot be used as suction cleaner. Specify voltage.*

MODEL 29 (2-speed, heavy-duty)

Handles every industrial cleaning job where portable equipment is feasible. Low speed cleans precision equipment; high speed blasts dirt and moisture out of heavy machinery. Converts to powerful suction cleaner. *Specify voltage.*

COMPARATIVE SPECIFICATIONS

equipment—all models: Detachable hard rubber nozzle, non-conducting (except Model 27); 20-foot 2-wire cord and connector.
general specifications:
motors: Universal, D.C. or A.C. up to 60 cycles.

voltages: Standard, 115; furnished on order for 220 and odd voltages at no extra cost.

bearings: Sealed ball bearing construction.

model no.	duty rating	fan speed, r.p.m.	linear velocity, ft. per min.	displacement, cu. ft. per min.	static pressure, water column, inches	input, watts	amp. rating at 115V	net weight, lbs.	shpg. weight, lbs.
28	special	11,000	15,000	70	18	265	2.1	7	12
25	standard	11,500	17,000	80	24-26	325	3.4	7½	12
27	hot-cold	11,000	12,000	40	24	250, 1250	9.1	8	12
26	heavy	11,500	20,000	95	32-34	450	4.1	9½	15
29	heavy,	9,700	21,000	125	36	981			
	2-speed	11,600	27,000	195.5	48	690	8.5	14½	19

SUCTION ATTACHMENTS

Dust bag replaces rubber nozzle; hose replaces exhaust screen. Nos. 2858 and 9753 include dust bag, 7-ft. flexible hose, hose connection, furniture nozzle and brush, nipple, flat cleaning tool, carrying belt.
No. 2858—For Models 25, 26, 28. **No. 9753**—For Model 29 (two-speed).

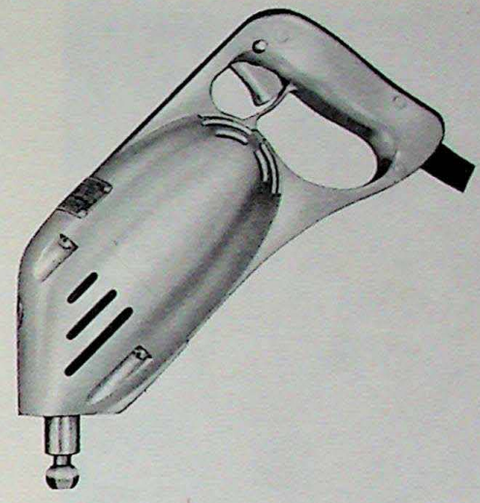
SPECIAL ATTACHMENTS

9749—Nipple
9750—Carrying strap
9755—10" double bristle brush
9816—Dust bag for Models 25, 26, 28
9817—Dust bag for Model 29
9819—Furniture nozzle
9820—10" floor nozzle
9829—Adjustable wall brush
9831—Brush for upholstery nozzle
9833—2⅞" diam. insulated brush
9838—7' flexible vacuum hose
9841—Flat cleaning tool
9842—Rubber blower nozzle
9844—44" steel nozzle extension

VALVE SEAT GRINDERS

MODEL 318 (standard-duty)
MODEL 319 (heavy-duty)

For refacing all types of automotive, truck, marine and stationary gasoline and diesel engines. Popular 45° angle drive permits easy work in confined spaces. Model 319 has heavy-duty motor and gearing for handling 2″ and larger diameter stones. Job-proved to run cooler, handle easier, produce better results. Quality built for lasting dependability. *Specify voltage.*



COMPARATIVE SPECIFICATIONS

equipment—both models: Hexagon-ball spindle; 3-wire cord and connector.
general specifications:
motors: Universal, D.C. or A.C. up to 60 cycles.
voltages: Standard, 115; furnished on order for 220 and odd voltages at no extra cost.
switches: Enclosed double-pole, momentary-contact trigger type with locking pin.
bearings: Sealed ball on all shafts.

model no.	duty rating	no-load speed, r.p.m.	amp. ratings at 115V	overall length, inches	net weight, lbs.	shpg. weight, lbs.
318	standard	13,000	3	11⅞	6	8
319	heavy	10,000	4	11⅞	6½	8

BASIC VALVE SEAT GRINDING SETS

model 439 (standard-duty)

Basic equipment for limited valve grind work. Ideal for initial purchase of valve seat equipment. Sturdy metal cabinet protects precision tools. Shpg. wt., 47 lbs.

model 441 (heavy-duty)

Here's a basic set for assembling a heavy-duty valve seat grinding outfit. Ideal for the shop that specializes in large engine work where heavy-duty equipment is needed. Shipping weight, 47 lbs.

GENERAL-PURPOSE VALVE SEAT GRINDING SETS

model 440 (standard-duty)

For fast handling of all regular valve seat work. All valve seat stones in this set are recommended for general purpose and finishing operations. Shpg. wt., 50 lbs.

model 442 (heavy-duty)

For all shops and garages handling large trucks, tractor and marine engines. Stones and pilots have been carefully selected for widest range of engines. Shpg. wt., 53 lbs.

EQUIPMENT—VALVE SEAT GRINDING SETS

model 439, standard duty

1—model 318 SKIL Valve Seat Grinder
1—No. 7500 Carrying Cabinet
2—No. 7560 Stone Holders
1—No. 7600 Stone Dresser

model 441, heavy duty

1—model 319 SKIL Valve Seat Grinder
1—model 7500 Carrying Cabinet
2—No. 7560 Stone Holders
1—No. 7600 Stone Dresser

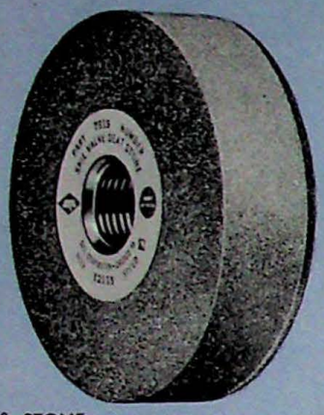
model 440, standard duty

1—model 318 SKIL Valve Seat Grinder
1—No. 7500 Carrying Cabinet
1—No. 7600 Stone Dresser
1—No. 7501 Stone (1¼″)
1—No. 7502 Stone (1⅜″)
2—No. 7503 Stones (1½″)
2—No. 7504 Stones (1⅝″)
2—No. 7505 Stones (1¾″)
1—No. 7461 Valve Guide Brush
2—No. 7560 Stone Holders
1—No. 7572 Pilot
1—No. 7575 Pilot
1—No. 7578 Pilot
1—No. 7593 Pilot
1—No. 7450 Pilot Wrench

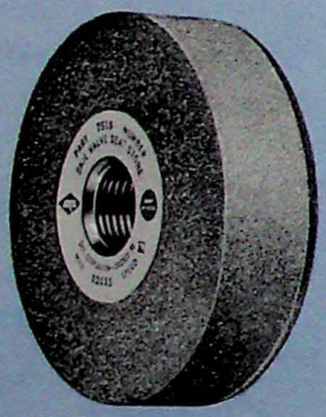
model 442, heavy duty

1—model 319 SKIL Valve Seat Grinder
1—model 7500 Carrying Cabinet
1—No. 7600 Stone Dresser
1—No. 7501 Stone (1¼″)
1—No. 7502 Stone (1⅜″)
2—No. 7503 Stones (1½″)
2—No. 7504 Stones (1⅝″)
2—No. 7505 Stones (1¾″)
1—No. 7506 Stone (1⅞″)
1—No. 7507 Stone (2″)
1—No. 7508 Stone (2⅛″)
1—No. 7509 Stone (2¼″)
1—No. 7511 Stone (2½″)
1—No. 7513 Stone (2¾″)
1—No. 7461 Valve Guide Brush
2—No. 7560 Stone Holders
1—No. 7572 Pilot
1—No. 7575 Pilot
1—No. 7578 Pilot
1—No. 7583 Pilot
1—No. 7586 Pilot
1—No. 7593 Pilot
1—No. 7450 Pilot Wrench

VALVE GRINDER ACCESSORIES



45° STONE



30° STONE

STONE DRESSING STAND

VALVE SEAT GRINDING STONES

Made from highest quality electric furnace abrasives with short threaded metal insert for greater wear. Fit 11/16"—16 threaded stone holders as listed on page 51. *All stones are dressed to a 1/8" face at 45° and 30° to simplify ordering, but are easily dressed to any other angle needed.* Special recessed bushing permits extra dressings for far greater use! Adapter bushing No. 7499 is available to permit use of these stones with other stone holders having a 9/16"—16 thread.

SPECIFICATIONS — for 45° stones

stone size	general purpose and finishing stones	roughing stones for cast iron, soft steel	roughing stones for hard steel, stellite
diameter inches	part number	part number	part number
1 1/16	7518	7548	7418
1 3/16	7519	7549	7419
1 1/4	7501	7531	7401
1 3/8	7502	7432	7402
1 1/2	7503	7533	7403
1 5/8	7504	7534	7404
1 3/4	7505	7535	7405
1 7/8	7506	7536	7406
2	7507	7537	7407
2 1/8	7508	7538	7408
2 1/4	7509	7539	7409
2 3/8	7510	7540	7410
2 1/2	7511	7541	7411
2 5/8	7512	7542	7412
2 3/4	7513	7543	7413
2 7/8	7514	7544	7414
3	7515	7545	7415
3 1/8	7516	7546	7416
3 1/2	7517	7547	7417

SPECIFICATIONS — for 30° stones

1 1/16	20751	20770	20789
1 3/16	20752	20771	20790
1 1/4	20753	20772	20791
1 3/8	20754	20773	20792
1 1/2	20755	20774	20793
1 5/8	20756	20775	20794
1 3/4	20757	20776	20795
1 7/8	20758	20777	20796
2	20759	20778	20797
2 1/8	20760	20779	20798
2 1/4	20761	20780	20799
2 3/8	20762	20781	20800
2 1/2	20763	20782	20801
2 5/8	20764	20783	20802
2 3/4	20765	20784	20803
2 7/8	20766	20785	20804
3	20767	20786	20805
3 1/8	20768	20787	20806
3 1/2	20769	20788	20807

NOTE: Before using any grinding stone, be sure its safe operating speed (shown on wheel blotter) is not exceeded by the free speed of the tool (shown on nameplate). Use only on tools with proper safety guards. CAUTION: Speed of Model 318 Grinder exceeds safe operating speed of 2" or larger dia. listed above. Use Model 319 for these larger stones.

NO. 7600 STONE DRESSING STAND

Makes quick work of dressing and cutting stones to exact angle. Has heavy base and replaceable diamond nib (see below). Angle adjustment is graduated and locks at 0, 15, 30, 45, 75 and 90°. Shpg. wt., 12 lbs.

No. 7601—Replacement diamond nib (with screw).

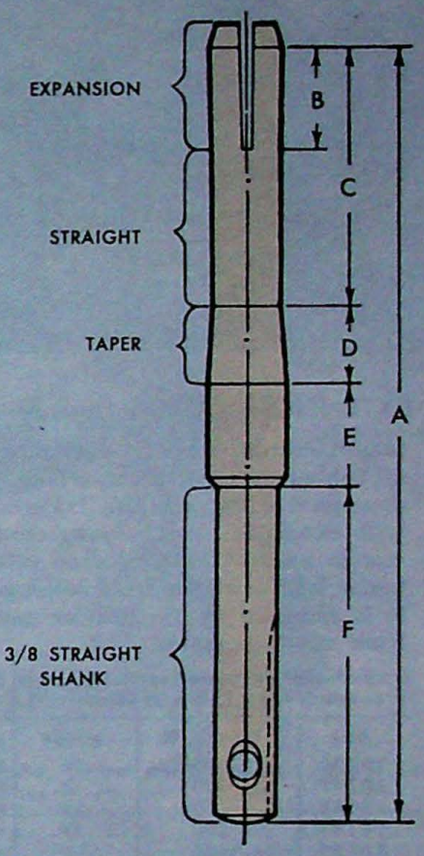
VALVE GRINDER ACCESSORIES

SELF-EXPANDING PILOTS

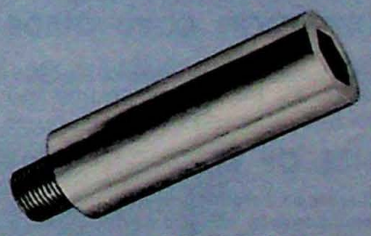
One-piece tapered and slotted construction for quick operation, accuracy of fit and low cost. *Does not require manual expansion!* Makes large assortment of plug pilots unnecessary. SKIL Pilots provide a rigid, centered fit in worn guides. Also serves as plug gauge. If guide is so badly worn that proper pilot does not anchor, guide should be replaced.

SPECIFICATIONS

part no.	pilot size	A	B	C	D	E	F
7570	1/4	4 5/8	3/4	1 3/8	7/8		2 3/8
17941	1/4	3 3/4	3/4	1	7/8		2
7571	9/32	4 5/8	7/8	1 3/8	7/8		2 3/8
17942	9/32	3 3/4	3/4	1	7/8		2
7572	5/16	5 1/4	7/8	1 3/4	3/4		2 3/4
7573	5/16	4 9/16	1 5/16	1 5/16	7/8		2 3/8
7574	5/16	6 1/4	7/8	1 3/4	3/4	1/2	3 1/4
7575	11/32	5 1/4	7/8	1 3/4	3/4		2 3/4
7576	11/32	4 1/2	7/8	1 1/4	7/8		2 3/8
7577	11/32	6 1/4	7/8	1 3/4	3/4	1/2	3 1/4
7578	3/8	6	7/8	2 1/4	3/4		3
7579	3/8	4 1/2	7/8	1 1/4	7/8		2 3/8
7580	3/8	7 1/4	7/8	2 1/4	3/4	1	3 1/4
7595	.397	5 1/8	7/8	2	5/8		2 1/2
7581	13/32	6	7/8	2 1/4	3/4		3
7582	13/32	7 1/4	7/8	2 1/4	3/4	1	3 1/4
7583	7/16	6 1/4	1	2 1/2	3/4		3
7584	7/16	7 1/2	1	2 1/2	3/4	1	3 1/4
7585	7/16	8 1/2	1	2 1/2	1 7/16	1 5/16	3 1/4
17943	7/16	5 1/4	7/8	1 3/8	7/8		3
7586	1/2	6 1/4	1	2 1/2	3/4		3
7587	1/2	8	1	2 1/2	1 7/16	13/16	3 1/4
17944	1/2	7 1/4	1	2 1/2	1 5/16		3 5/16
17945	17/32	6 3/4	1 1/8	2 1/2	3/4		3 1/2
7588	9/16	6 1/4	1 1/8	2 1/2	3/4		3
11812	9/16	8	1 1/8	2 1/2	1 7/16	13/16	3 1/4
7589	19/32	5 1/4	1 5/16	1	1/2	3/4	3
7590	5/8	6 1/4	1 1/8	2 1/2	3/4		3
7591	11/16	6 1/4	1 1/8	2 1/2	3/4		3
17947	11/16	8 3/8	1 1/8	2 1/2	1 3/8	1	3 1/2
7594	3/4	6 3/4	1 1/8	2 1/2	1		3 1/4
7593	1 1/32	4 3/4	13/16	3/4	1/2		3 5/16
7592	.850	6 1/4	Special Ford V-8 60				
21054	6MM	4 5/8	3/4	1 3/8	7/8		2 3/8
21055	7MM	4 5/8	7/8	1 3/8	7/8		2 3/8
21056	9MM	5 1/4	7/8	1 3/4	3/4		2 3/4
21057	10MM	6	7/8	2 1/4	3/4		3



SELF-EXPANDING PILOT



STONE HOLDER

SKIL STONE HOLDERS

Machined and reamed to fit all SKIL Pilots accurately. Threaded end fits all SKIL Stones and others with a 11/16"—16 thread.

No. 7560—Standard stone holder.
No. 7425—Ball bearing stone holder.
No. 7495—Short stone holder for Kaiser-Frazer.
No. 7596—Special stone holder for Crosley.

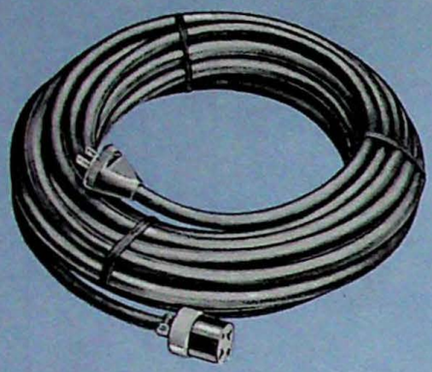
See page 30 for carbon cleaning brushes.

PILOT WRENCH

NO. 7450 PILOT WRENCH

Instantly places or removes pilots from valve guides.

TOOL ACCESSORIES



EXTENSION CORDS (heavy duty)

Manufactured of heavy-duty flexible stranded copper, all rubber covered...assures long life under severe outdoor service. Powerful SKIL Portable Tools, when used with extension cords, *require cords of sufficient gauge size to prevent harmful drop in voltage when tool is under load.* Distance from outlet governs size required. It is essential to use heavier gauge wire as distance from outlet increases.

3-conductor extension cords with new grounding type 115-volt connectors.			3-conductor extension cords less connectors.		
no.	length, ft.	gauge	no.	length, ft.	gauge
16146	50	16	432	50	14
16147	100	16	433	100	14
16148	50	14	434	50	12
16149	100	14	435	100	12
16150	50	12	436	100	10
16151	100	12			
16152	100	10			
with twist-lock connector					
11167*	100	14			

*For Chain Saws.

EXTENSION CORD GUIDE

Sizes listed are *minimum* required under ideal conditions. To be sure of getting full motor power and protection, use next heavier gauge.

SIZE OF EXTENSION CABLE FOR SKIL TOOLS

Based on current equivalent to 150 per cent of full load of tool and a loss in voltage of not over 5 volts. This table for 115-volt tools. For 220-volt tools use wire size corresponding to an extension length of one-half the contemplated length.

full-load ampere rating (on nameplate)	0-2.00	2.10-3.4	3.5-5.00	5.10-7.0	7.10-12	12.1-16.0
ext. cable length	Wire size (B & S gauge)					
25 ft.	18	18	18	18	16	14
50 ft.	18	18	18	16	14	12
75 ft.	18	18	16	14	12	10
100 ft.	18	16	14	12	10	8
200 ft.	16	14	12	10	8	6
300 ft.	14	12	10	8	6	4
400 ft.	12	10	8	6	4	4
500 ft.	12	10	8	6	4	2
600 ft.	10	8	6	4	2	2
800 ft.	10	8	6	4	2	1
1000 ft.	8	6	4	2	1	0

NOTE—If voltage is already low at the source (outlet), have voltage increased to standard, or use a much larger cable than listed in order to prevent any further loss in voltage.

CONNECTORS

description	connector	for cord gauge up to	part no.
new grounding type, 115 volts	male	14	16153
	female	14	16154
new grounding type, 220 volts	male	14	16284
	female	14	16285
non-grounding type, 115 volts	male	14	9372
	female	14	9739
crow-foot grounding type, 220 volts	male	14	257
	female	14	259
twist-lock non-grounding type, 220 volts	male	12	233
	female	12	234
twist-lock grounding type, 220 volts	male	14	12912
	female	14	12913
	male	12	430
	female	12	431

No. 13722 ADAPTER

Adapts new type 3-prong grounding plugs to standard 2-cavity outlets.

LUBRICANTS

Always use genuine SKIL lubricants to insure positive lubrication under the most severe operating conditions. Developed and formulated as the best lubricants available for SKIL Tools.

TYPE A—For SKIL Saws with leather oil seals: **Models 67, 107, 117, 127, 367, 825, 2127. Model 77**—110 volts, Serial No. 145700 and above; all other voltages, Serial No. 149514 and above. **Model 87**—110 volts, Serial No. 151866 and above; all other voltages, Serial No. 158578 and above. **All Saws** with serial prefix "A." **Belt Sanders** with worm gear case. **Model 307** Polisher.
No. 249 tube. **No. 264** pint can. **No. 267** ½-gal. can.

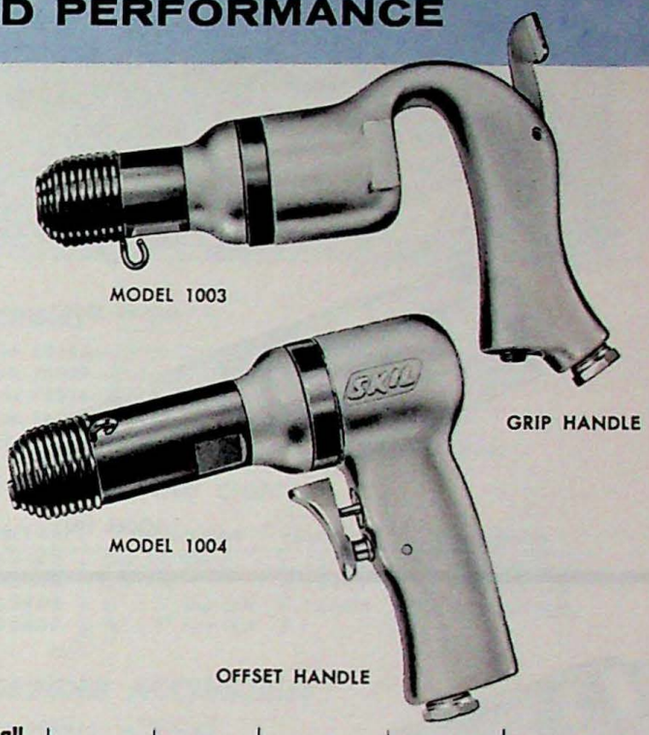
TYPE B—For SKIL Saws without leather oil seals: **Models E, J, M, O, R, S, W, 177, 77G, OG, 800. Model 77**—110 volts, Serial No. 145699 and below; all other voltages, Serial No. 149513 and below. **Model 87**—110 volts, Serial No. 151865 and below; all other voltages, Serial No. 158577 and below. **Models A, B Belt Sanders.**
No. 222 tube. **No. 221** 2-lb. can.

TYPE C—For SKIL Trim and Heavy-Duty Saws: **Models 604, 836, 857, 858, 864, 874, 884.** For **Disc Sanders, Drills, Drivers, Model 570** Polisher, **Portable Grinders, Shears, Chain Saws, Floor Edgers, Belt Sander** chain cases, **Jig Saws, Impact Wrench** and **Recipro Saw.**
No. 252 tube. **No. 251** 2-lb. can.

QUALITY-BUILT PNEUMATIC TOOLS FOR UNSURPASSED POWER AND PERFORMANCE

PNEUMATIC HAMMERS

Lightweight SKIL Hammers are designed for riveting, core busting, upsetting metal, masonry drilling and other jobs. They feature large parts for maximum power, oversize sleeves valves for longest wear. Hammer barrels consist of an outside barrel, removable inner sleeve and replaceable nozzle. All three parts are interchangeable and can be replaced separately, assuring low maintenance. Available with offset or pistol-grip handle with convenient, easy-to-use air metering trigger or lever for sure control. Valve block has extra large wear surface, made in two parts for easy maintenance.



COMPARATIVE SPECIFICATIONS

equipment: Air regulator and beehive spring retainer. (Air hose not supplied—see Pneumatic Accessories on page 55.)

model no.	capacity, cold rivets, inches	type handle	type nozzle (all models)	overall length, inches	bore, inches	stroke, inches	blows per minute	net wt., lbs.	shpg. wt. lbs.
1000	¼	offset	#2 Parker Taper	8	9/16	4	2200	2 7/8	3½
1001	¼	grip		10 9/16	9/16	4	2200	3	3 5/8
1002	1/8—5/32	offset		5 5/16	9/16	1	3200	2 5/16	2¾
1003	1/8—5/32	grip		7 7/8	9/16	1	3200	2 7/16	2 7/8
1004	3/16	offset		6¾	9/16	3	2700	2 13/16	3¼
1005	3/16	grip		9 5/16	9/16	3	2700	2 13/16	3 3/8

NO. 1376 PNEUMATIC HAMMER KIT

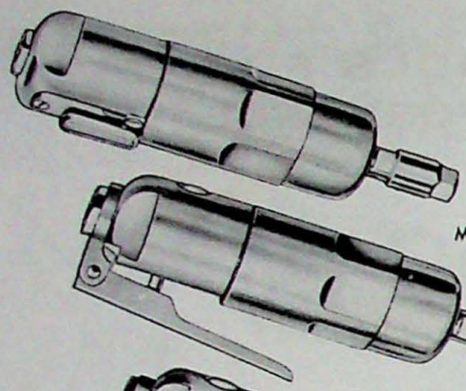
For constant use in general metal cutting, auto body work, and installation or repair of heating and air conditioning systems. Handles toughest jobs quickly, precisely and efficiently. Cuts sheet metal, bolts, rivets; drives out rivets, pins, bolts; scrapes undercoating, paint, dirt; breaks spot welds.

equipment: SKIL Pneumatic Hammer (3" stroke), **No. 15282** Chisel, **No. 15287** Scraper, **No. 15288** Rivet Cutter, **No. 15289** Panel Cutter, Steel Carrying Case.

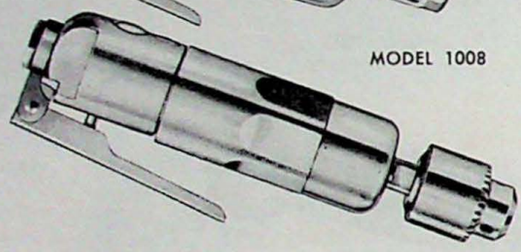
specifications: Hammer has 3-inch stroke and delivers 2700 blows per min. at 90 lbs. air pressure; quick-change (open type) retainer spring. Net weight of hammer, 2¾ lbs. Chisel, scraper, rivet cutter and panel cutter made of chisel alloy forged steel. Net weight (kit), 9 lbs.

HAMMER ACCESSORIES SHOWN ON PAGE 55

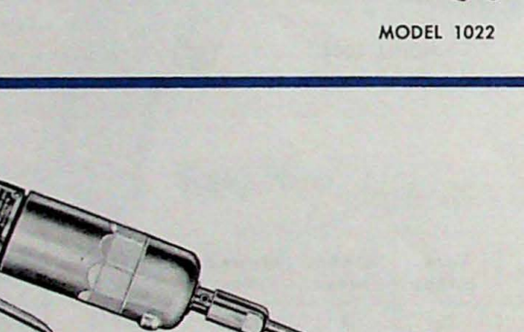
PNEUMATIC TOOLS



MODEL 1007



MODEL 1008



MODEL 1022

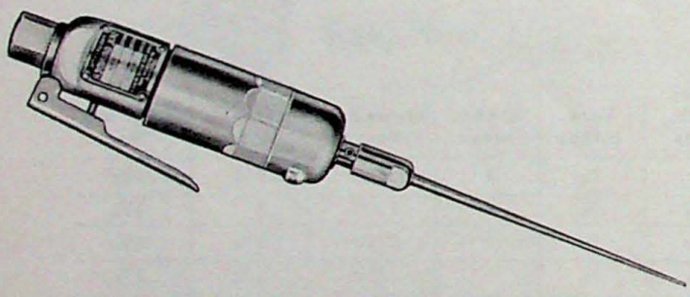
HIGH-SPEED GRINDERS

For die grinding, burring, filing and drilling. Feature oversize spindle bearings, heavy shaft and exclusive, trouble-free rotor design. Sustained high speed under load gives excellent results with carbide rotary cutters. Also used with Tool Post Clamp (see opposite page) for internal grinding on metalworking lathes. Model 1022, with 3-jaw geared chuck is recommended for high speed drilling with wire gauge drills to sink wood screw pilot holes or to drill in non-ferrous metals.

equipment: ¼" collet or ¼" geared chuck and key, depending on model number. ⅛" and 3/16" collet chuck available on order at extra cost. 8-ft. of air hose and couplings also supplied.

COMPARATIVE SPECIFICATIONS

model no.	throttle type	chuck type	capacity	speed, r.p.m.	length overall, inches	net weight, lbs.	shpg. weight, lbs.
1007	button	collet	1½" elastic,	25000	6⅝	1	1¼
1008	lever	collet	1" vitrified wheels	25000	6¾	1	1⅜
1022	lever	geared	⅛" drilling in wood and non-ferrous metals	25000	7	1⅛	1½



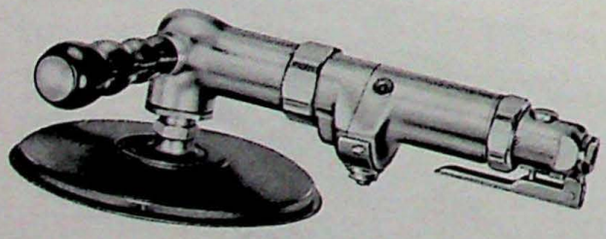
MODEL 1052 ROLL PICKER

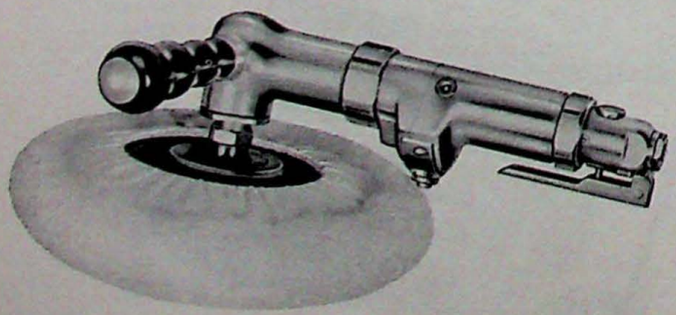
High speed pick extracts loose fibers between rolls of spinning frames while in motion. Also use for clean-up chores in knitting machines, carding equipment. Pick is securely held and centered by a sturdy chuck with flexible collet. Has heavy-duty construction with hand throttle lever and adjustable air exhaust.

equipment: Two wrenches, one No. 15295 six-inch pick, one No. 11325 air regulator.

specifications: Speed, 10,000 r.p.m. (adjustable to 25,000 r.p.m.) Chuck, 3/16" collet. Length 8⅝" incl. air regulator (less pick). Body dia., 1½". Net Weight, 1 lb. Shipping Weight, 1⅜ lbs.

ACCESSORIES: No. 15294—Tapered steel pick, 3/16" x 4"
No. 15295—Tapered steel pick, 3/16" x 6"
No. 15297—Tapered steel pick, 3/16" x 9"





7" MODEL 1037 DISC SANDER

Handles all types of rough or fine surfacing work on metal, stone or wood. For use in auto body shops, garages, foundries, machine and welding shops. Features include easily controlled lever throttle, comfortable hand grip, full 7" disc capacity.

equipment: Molded rubber backing pad, 3 assorted sanding discs, handle, pad nut wrench, 8' of air hose and couplings.

7" MODEL 1036 POLISHER

Used with lambswool bonnet for polishing with paste waxes or liquid cleaners; with pile fabric pad for rubbing down or polishing; or with felt pad for rubbing and burnishing with abrasive compounds.

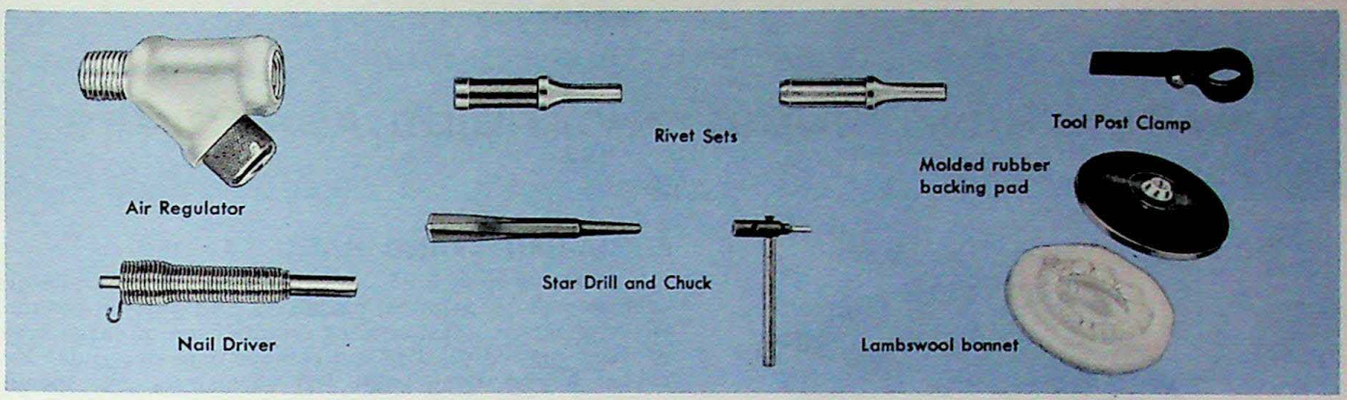
equipment: Molded rubber backing pad, sponge rubber pad, lambswool bonnet, pad nut wrench, 8' of air hose and couplings.

COMPARATIVE SPECIFICATIONS

model	speed r.p.m.	pad diam., inches	length overall, inches	net weight, lbs.	shipping weight, lbs.
1037 sander	3800	7	10¼	3¼	5
1036 polisher	1250	7	10¼	3¼	5

(length and net weight given less pad.)

PNEUMATIC ACCESSORIES



CONNECTOR ACCESSORIES

for all Pneumatic Tools

No. 15382—8-ft. of ¼" Hose with ¼" and ⅛" male pipe threads.
No. 15848—8-ft. of 5/16" Hose with ¼" thread at each end.
No. 15390—¼" Female Socket, quick connector (with automatic closing valve when detached).
No. 15391—⅛" Female Socket, quick connector (with automatic closing valve when detached).
No. 15392—¼" Male Plug, quick connector.
No. 15393—⅛" Male Plug, quick connector.
No. 15394—¼" Hose Stem Plug, quick connector.
No. 15395—Line Oiler, ½-pint capacity, ¼" female pipe threads.
No. 15396—Filter, ½-pint capacity, ¼" female pipe threads.
No. 15397—Comb. Oiler & Filter, each ½-pint capacity (15395 & 15396), supplies one tool.
No. 15398—Comb. Pressure Regulator & Gage plus air regulator, ¼" female pipe threads.

HAMMER ACCESSORIES

NO. 15954 AIR REGULATOR
(Furnished as standard equipment)

Not necessary to use unless you wish to vary speed of Hammer by regulating amount of intake air. Can be attached between hammer handle and air line, or anywhere in air line.

RIVET SETS (NO. 2 PARKER TAPER)

part no.	description	part no.	description
15058	1/16" Round Head	15069	¼" Button Head
15059	3/32" Round Head	15082	1/16" Brazier Head
15060	⅛" Round Head	15083	3/32" Brazier Head
15061	5/32" Round Head	15084	⅛" Brazier Head
15062	3/16" Round Head	15085	5/32" Brazier Head
15063	¼" Round Head	15086	3/16" Brazier Head
15064	1/16" Button Head	15087	¼" Brazier Head
15065	3/32" Button Head	15071	1¼" Mushroom Head
15066	⅛" Button Head	15072	1⅞" Mushroom Head
15067	5/32" Button Head	15070*	⅝" Plain Blank
15068	3/16" Button Head		

*Furnished soft, must be hardened after forming.

NAIL DRIVER ATTACHMENT

No. 16410—6 to 10-Penny Nail Driver
No. 16100—12 to 20-Penny Nail Driver
No. 12420—24 to 60-Penny Nail Driver

TOOL RETAINERS

No. 16118—Retainer Spring (For quick accessory change)
No. 16209—Retainer Spring

CHISELS

No. 15282—⅝" x 7" Chisel (Parker Taper)
No. 15298—⅝" x 9⅞" Chisel (Parker Taper)
No. 15416*—½" x 7" Chisel Blank (Parker Taper)
No. 15299—Punch (Parker Taper)
No. 15287—Scraper (Parker Taper)

CHISELS

No. 15288—Rivet Cutter (Parker Taper)
No. 15289—Panel Cutter (Parker Taper)
No. 15276—⅝" x 7" Chisel (⅜ Hex)
No. 15415*—½" x 7" Chisel Blank (⅜ Hex)
*Furnished soft, must be hardened after forming.

STAR DRILL AND CHUCK

part no.	description	part no.	description
15403	Star Drill Chuck	15406	½" x 9" Star Drill
15404	Drift Key	15407	⅝" x 9" Star Drill
15445	¼" x 5" Star Drill	15408	¾" x 9" Star Drill
15405	⅜" x 5" Star Drill		

GRINDER ACCESSORIES

No. 15141— ¼" Collet
No. 15278—3/16" Collet
No. 15279— ⅛" Collet
No. 15258—Arbor (for wheels W/¼" Hole)
No. 15260—Arbor (for wheels W/⅜" Hole)
No. 15251—Tool Post Clamp W/Bar 5" x ⅜" x 1" High
No. 15249—Tool Post Clamp W/Bar (illustrated above) 6" x 9/16" x 1¼" High
No. 15254—3" Spindle Extension (for wheels W/¼" Holes)
No. 15284—Hexagon Wrench for Oil Plug
No. 15285—Wrench for Collet Sleeve
No. 15286—Wrench for Spindle
No. 11325—Air Regulator
No. 1751 —Chuck & Key
No. 1752 —Key only

SANDER ACCESSORIES

No. 2492 —7" Molded sisal backing pad
No. 4675 —7" Molded rubber backing pad
No. 2427 —Backing pad nut
No. 2445 —Pad nut wrench
No. 13417—5" Molded rubber pad

7" SANDING DISCS

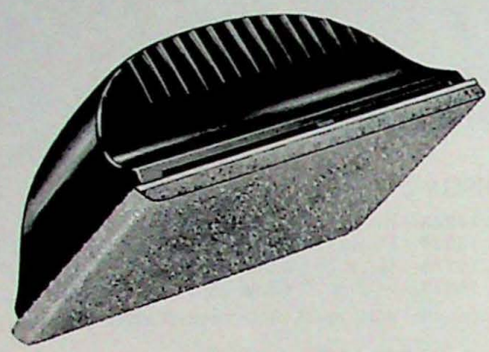
part no.	description	part no.	description
7911	16-grit, close coat	7918	100-grit, close coat
7912	24-grit, close coat	7919	120-grit, close coat
7913	30-grit, close coat	7920	150-grit, close coat
7914	36-grit, close coat	7921	180-grit, close coat
7915	50-grit, close coat	7933	16-grit, open coat
7916	60-grit, close coat	7934	24-grit, open coat
7917	80-grit, close coat	7935	30-grit, open coat

POLISHER ACCESSORIES

No. 4679—7" Molded rubber backing pad
No. 6496—7" Sponge rubber cushion
No. 4699—Backing pad nut
No. 2445—Pad Nut wrench
No. 4711—Lambswool bonnet
No. 6622—Pile fabric pad
No. 2462—Felt rubbing pad

PERMA-GRIT* BRAND PRODUCTS

AMAZING NEW TUNGSTEN-CARBIDE ABRASIVES...



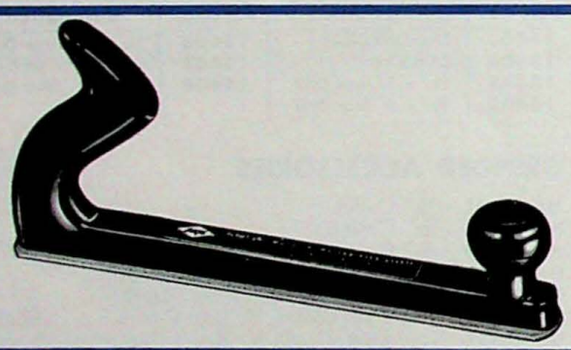
PERMA-GRIT BRAND HAND SANDER

A completely new kind of sanding tool for carpenters, cabinet-makers, painters, plasterers and pattern-makers. Gives remarkably fast sanding results even on large areas of wood, plaster, plastics and composition materials. Excellent for removing paint and varnish as grit spacing resists clogging and can be easily cleaned with wire brush or solvent.

No. 20000—Hand Sander with fine sanding sheet.
No. 20001—Hand Sander with medium-coarse sanding sheet.
No. 18900—Deluxe Kit including Hand Sander with fine and medium-coarse sanding sheets.

PERMA-GRIT SHEETS—FOR HAND SANDER

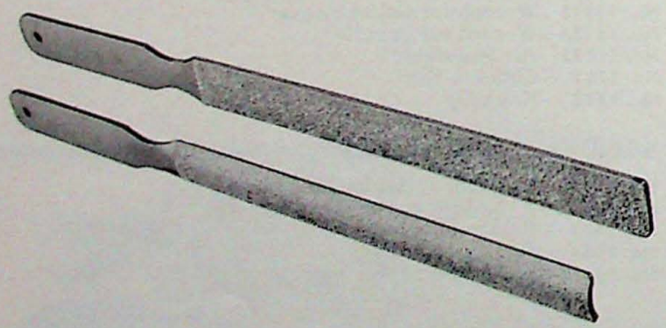
No. 18763—36 coarse grit
No. 18982—80 medium-coarse grit
No. 18973—150 fine grit
No. 18764—220 very fine grit



PERMA-GRIT BRAND SANDER PLANE

For sanding and filing such problem materials as fiber glass, industrial plastics and compositions. Gives fast stock removal in sanding doors, storm windows, shelves and other cabinet work. Full 12" blade extends beyond handles allowing flush work against uprights. Blade has coarse grit on one side and fine grit on other. Remove screws and turn blade for desired abrasive surface.

No. 19918—Sander Plane
No. 19917—Replacement Blade



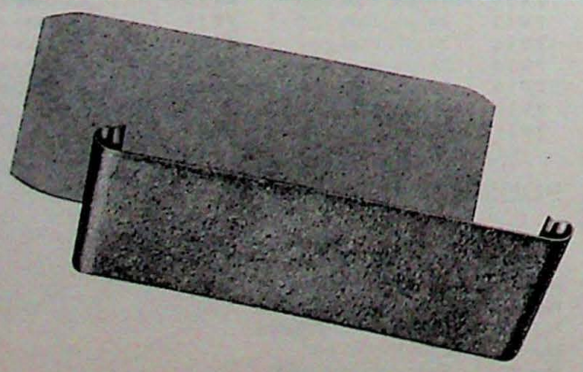
NO. 18730 PERMA-GRIT BRAND FLAT FILE

Versatile 14" file cuts on *both* forward and back strokes, works sideways, also. Excellent results in shaping, notching or fast stock removal of woods, compositions, plastics, rubber, cork, sand cores and many other materials. Has two abrasive surfaces for rough and fine work. One side has coarse grit (46), medium grit (80) on other side.

PERMA-GRIT BRAND CONTOUR FILES

Rounded surface has ¾" radius for filing and shaping grooves, arcs and curved shapes. Have same features as Perma-Grit flat file except grit on one side only.

No. 19859—Contour File with 46 coarse grit
No. 19860—Contour File with 100 medium-fine grit



PERMA-GRIT BRAND SANDING SHEETS

For use on electric oscillating or orbital sanders. Sand twice as fast as sandpaper — outlasts hundreds of paper sheets. Ideal for fast sanding of wood, plastics, composition materials and smoothing down plaster joints; removing paint and varnish. After repeated use, sheets can be cleaned with wire brush or solvent.

3⅔" x 9" Pre-Formed Sheets		4½" x 11" Flat Sheets	
part no.	description	part no.	description
18703	36 coarse grit	20729	36 coarse grit
18702	80 medium-coarse grit	20730	80 medium-coarse grit
18701	100 medium grit	20732	150 fine grit
18700	150 fine grit	20733	220 very fine grit
18704	220 very fine grit		

*A trademark of SKIL Corp.

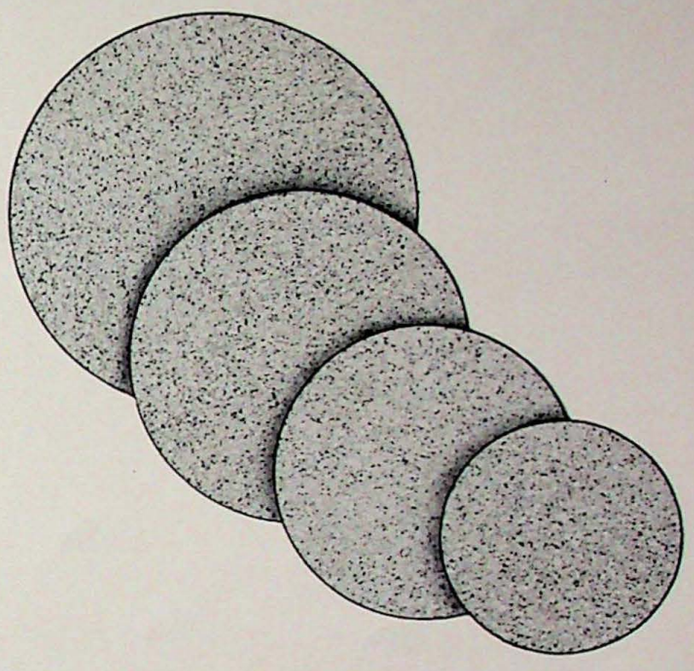
PERMA-GRIT BRAND PRODUCTS

FOR INDUSTRIAL CUTTING, SANDING, SHAPING

PERMA-GRIT BRAND SANDING DISCS

For industrial-type face sanding machines. Thin steel construction means discs cannot tear or wrinkle; reduces heat and minimizes possibility of scorching work. Outlasts hundreds made of sandpaper — greatly reduces "down-time" for disc change-over. Excellent for sanding or shaping of wood, composition, plastics and other "problem" materials.

part no.	dia. in.	description	part no.	dia. in.	description
19715	8	46 grit (coarse)	19727	10	46 grit (coarse)
19716	8	80 grit (medium-coarse)	19728	10	80 grit (medium-coarse)
19717	8	120 grit (medium)	19729	10	120 grit (medium)
19721	9	46 grit (coarse)	19733	12	46 grit (coarse)
19722	9	80 grit (medium-coarse)	19734	12	80 grit (medium-coarse)
19723	9	120 grit (medium)	19735	12	120 grit (medium)



PERMA-GRIT BRAND DISCS for No. 20300 Surfacer

20312	5	80 grit (medium-coarse)	23014	5	180 grit (fine)
20313	5	120 grit (medium)	20315	5	270 grit (very fine)

NO. 19972 SUPER-GRIP CEMENT

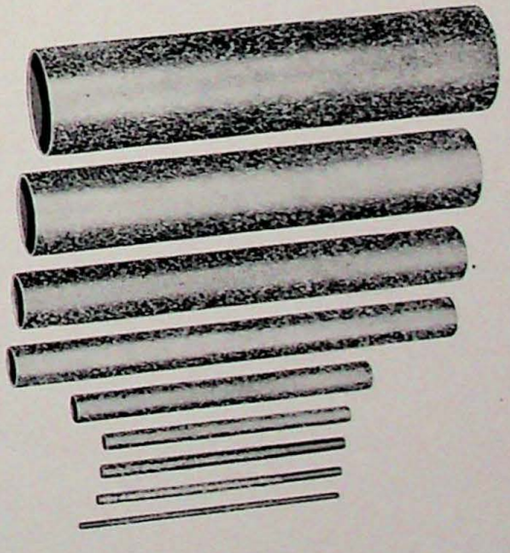
Use only Super-Grip Cement by SKIL to adhere Perma-Grit discs. Adhesives made for ordinary sandpaper will not hold steel-backed Perma-Grit Discs.

PERMA-GRIT BRAND SLEEVES AND RODS

These revolutionary Perma-Grit Sleeves and Rods last up to 100 times longer than sandpaper sleeves on oscillating spindle sanders. They sand twice as fast while maintaining accurate vertical sanding dimensions—won't "dish out" like paper sleeves. Wide spacing of grits resist loading, easy to clean. Steel construction transfers heat —minimizes scorching of work.

part no.	size, inches	grit	part no.	size, inches	grit
18816	1/8 x 5*	60	19104	1/8 x 5*	80
18817	3/16 x 5*	60	19105	3/16 x 5*	80
18818	1/4 x 5*	60	19106	1/4 x 5*	80
18710	1/4 x 5	60	19111	1/4 x 5	80
19175	3/8 x 6	60	19117	3/8 x 6	80
18711	1/2 x 6	60	19112	1/2 x 6	80
19176	5/8 x 6	60	19118	5/8 x 6	80
18712	3/4 x 9	60	19113	3/4 x 9	80
18713	1 x 9	46	19114	1 x 9	80
18714	1 1/2 x 9	46	19115	1 1/2 x 9	80
18715	2 x 9	46	19116	2 x 9	80
			19119	3 x 9	80

*Abrasive Rods.



PERMA-GRIT BRAND WHEELS AND BLADES

(See SKIL Blade Section on page 7)

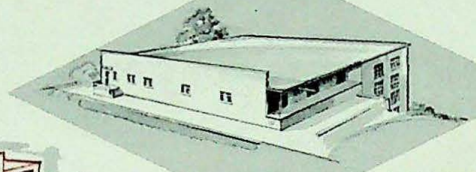
- Cut and sand in one operation
- Completely safe — eliminate kick-back
- Cut plywood, veneers, plastics without chipping
- Versatile — cut, sand, shape, plough and dado

THE MANUFACTURER

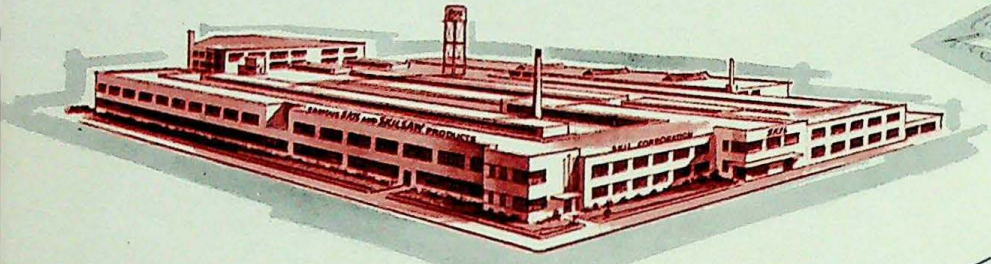
Thirty-five years of experience in building portable power tools stands behind every SKIL product. And these modern, efficient plants assure you of the finest when you buy SKIL tools.

PERMA-GRIT DIVISION
CHICAGO, ILLINOIS

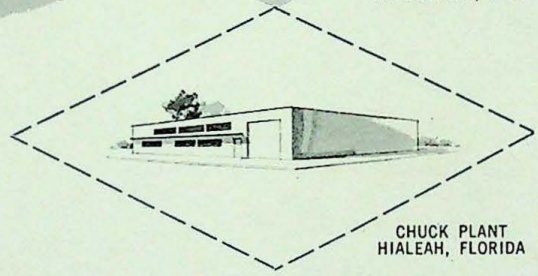
SKILTOOLS LIMITED
TRENTON, ONTARIO, CANADA



SAW BLADE PLANT
MIDDLEPORT, N.Y.



MAIN PLANT AND GENERAL OFFICES
CHICAGO, ILLINOIS



CHUCK PLANT
HIALEAH, FLORIDA

COAST-TO-COAST FACTORY BRANCH SERVICE

Fast, efficient SKIL tool service is available at the factory branch service stations listed below. It is our policy to provide prompt and dependable service throughout the life of every SKIL tool manufactured and sold by us.

Atlanta 18, Ga.	1890 Marietta Boulevard N. W.
Baltimore 18, Md.	2323 Greenmount Ave.
Birmingham 4, Ala.	806 North 5th Ave.
Boston (Allston) 34, Mass.	442 Cambridge St.
Buffalo 11, N. Y.	570 E. Delavan Ave.
Charlotte 3, N. C.	1815 S. Tryon St.
Chicago 29, Ill.	3259 W. Columbus Ave.
Chicago 30, Ill. (Factory)	5033 Elston Ave.
Cincinnati 29, Ohio	1361 Tennessee Ave.
Cleveland 14, Ohio	3038 Payne Ave.
Dallas 26, Texas	4014 Elm St.
Denver 16, Colo.	4462 York St.
Des Moines 16, Iowa	3629 E. 14th St.
Detroit 21, Mich.	17160 Wyoming Ave.
Houston 3, Texas	324 N. Hutcheson St.
Indianapolis 2, Ind.	1620 E. Riverside Dr.
Kansas City 8, Mo.	2007 Broadway
Los Angeles 7, Calif.	2730 S. Broadway
Memphis 4, Tenn.	558 S. Cooper Ave.
Miami 37, Fla.	4220 N. W. Second Ave.
Milwaukee 13, Wisc.	9209 W. Bluemound Rd.
Minneapolis 6, Minn.	4023 E. Lake St.
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San Francisco 3, Calif.	285 S. Van Ness Ave.
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Spokane 24, Wash.	E. 2226 Riverside
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Toronto 9, Ontario, Can.	3601 Dundas St., W.
Vancouver 6, B. C., Can.	1606 E. Hastings
Mexico 6, D. F., Mexico	Abraham Gonzales No. 94

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